404

METEOROLOGICAL OFFICE.

DAILY WEATHER REPORTS.

1ST JULY — 31ST DECEMBER,

1873.

Satur-day 8 a.m. **WEATHER REPORT.** Nov 1st 1873.

STATIONS.	BAROMETER. At 8 A.M. Reduced to 32° F. at the Mean Sea Level.	BAROMETER. Change since yesterday.	THERMOMETERS. (In shade). At 8 A.M. Dry bulb.	At 8 A.M. Wet bulb.	Change in the dry bulb since yesterday.	In past 24 hours. Max.	In past 24 hours. Min.	WIND. At 8 A.M. Direc.	At 8 A.M. Force. (0 to 12.)	Extreme. Force. (0 to 12.)	Extreme. Direc.	Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Disturbance. 0 to 9.
Haparanda ...	29.49	-.35	34	33	-4	*	*	E	2	2	E	*	o	*	*
Hernösand ...	29.18	-.64	35	?	-2	*	*	N	2	2	SSW	*	o	*	*
Stockholm ...	29.36	-.53	41	41	+2	*	*	SSW	2	4	S	*	o	*	*
Wisby	29.50	-.44	42	41	0	*	*	W	2	2	S	*	rb	*	*
Christiansund ...	29.03	-.53	43	39	+1	*	*	SSE	4	4	ESE	*	bc	*	3
Skudesnaes ...	28.97	-.51	47	45	+3	*	*	SE	6	6	ESE	*	rc	*	4
Oxö (X'tiansand)	29.15	-.43	48	?	+3	*	*	SSE	6	4	NE	*	rc	*	4
Skagen (The Skaw)	29.28	-.40	46	46	+1	*	*	SW	6	*	*	*	o	*	*
Fanö	29.27	-.35	47	46	+7	*	*	SSW	8	*	*	*	o	*	*
Cuxhaven ...	29.57f	-.06	46	45	+5	?	39	SSW	4	5	SW	?	mo	0.02	?
Sumburgh Head															
Stornoway (Hebrides.)	28.61f	-.63	38	37	-3	44	32	NNW	2	2	SW	10	pr.	0.25	3
Thurso... ...	28.46f	-.79	41	40	0	46	33	ENE	5	5	ENE	10	or	0.33	3
Wick	28.37f	-.88	43	43	-1	46	36	NE	4	4	NE	10	cr	0.55	2
Nairn	28.32f	-1.01	38	37	-3	48	36	NNW	6	8	SW	10	or	0.48	5
Aberdeen ...	28.41f	-.96	44	43	+3	48	36	SSW	2	3	S	5	op	0.74	2
Leith	28.47f	-.98	44	43	0	49	41	W	3	3	W	7	c	0.25	*
Shields... ...	28.72f	-.82	45	41	+2	47	42	SW	7	6	SW	2	cb	0.07	2
York	28.92f	-.56	45	42	+5	52	39	WSW	4	5	WSW	4	q	0.17	*
Scarborough ...	28.88f	-.66	44	42	+3	50	41	WSW	5	4	SW	3	fb	0.12	4
Nottingham ...	29.06f	-.50	44	42	+3	53	40	SSW	5	?10	SW	4	pqw	0.20	*
Ardrossan ...	28.61f	-.82	45	42	-3	50	44	NNW	9	9	NNW	5	pq	0.69	5
Greencastle ...	28.93f	-.51	39	38	-5	48	38	NNW	6	6	NNW	10	r	0.83	*
Donaghadee ...	28.79f	-.70	42	40	+1	51	41	W	7	7	SW	4	c	0.06	5
Kingstown ...	29.01f	-.56	43	42	-2	55	42	W	6	3	W	3	qb	0.19	4
Holyhead ...	28.98f	-.55	45	43	-1	55	45	WSW	8	9	WSW	5	rqc	0.50	6
Liverpool (Bidston Obs.)	29.02f	-.58	45	42	-1	55	44	WSW	5	7	WSW	4	oc	0.24	4
Valencia ...	29.22f	-.41	44	42	-7	55	42	W	7	8	W	7	pq	0.24	6
Roche's Point ...	29.19f	-.44	40	39	-6	54	38	NNW	5	7	SW	6	pc	0.20	4
Pembroke ...	29.14f	-.47	48	45	-3	54	47	W	7	9	W	7	q	0.14	5
Portishead ...	29.17f	-.50	47	45	+2	54	43	W	4	4	WSW	6	q	0.18	4
Scilly	29.33f	-.42	49	46	-2	54	46	W	7	8	WNW	6	oq	0.16	6
Plymouth ...	29.27f	-.46	48	47	+5	55	43	W	2	7	SW	4	pf	0.24	*
Portsmouth ...	29.24f	-.46	48	47	+2	55	45	W	4	5	SW	9	or	0.35	3
Dover	29.21f	-.52	54	53	+12	58	36	SW	7	6	WSW	10	cqr	0.17	6
London ...	29.16f	-.53	48	47	+7	55	41	WSW	3	7	WSW	10	cqo	0.18	*
Oxford... ...	29.16	-.51	46	44	+7	54	39	WSW	2	7	WSW	10	o	0.18	*
Cambridge ...	29.11f	-.56	46	45	+9	54	36	SW	2	2	SW	10	cpr	0.23	
Yarmouth ...	29.09f	-.61	52	52	+14	53	37	SSW	5	7	SSW	8	cr	0.03	4
Helder... ...	29.24	-.42	48	*	-1	*	*	SSW	7	*	*	*	*	*	4
Cape Gris Nez...	29.26f	-.48	53	51	+7	54	39	SW	9	8	SW	10	r	0.39	7
Brest	29.45f	-.41	50	48	-2	56	48	NW	5	7	W	10	r	0.28	4
L'Orient ...	29.41f	-.40	55	55	+3	?	49	WSW	8	8	WSW	9	r	0.35	7
Rochefort ...	29.69f	-.23	55	51	+12	55	43	SW	5	5	WSW	10	or	0.32	5
Biarritz ...	29.82f	-.16	52	47	+7	55	45	S	4	4	SE	4	fc	—	4
Corunna ...				*		*	*			*	*	*		*	
Brussels ...	29.42		50	*		*	*	?	3	*	*	*	o	*	*
Charleville ...	?		45	*	+4	*	*	? SE	9	*	*	*	o	*	*
Paris	29.55	-.32	49	?	+10	49	39	S	8	?	?	10	o	—	*
Lyons	?		45	*	-3	*	*	S	?	*	*	*	f	*	
Toulon... ...	29.85f	+.14	42	38	-1	53	41	NW	4	8	NW	4	c	—	5

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		C.	Wea.	Sea.
Skudesnaes ...	29.35	45	42	SE	6	*	r	6
Thurso ...	29.06	45	43	S	2	9	o	2
Scarborough...	29.40	46	44	SW	2	9	f	2
Greencastle ...	29.28	48	47	W	5	5	c	*
Holyhead ...	29.41	50	48	SW	3	7	—	2

	Bar.	Dry.	Wet.	Wind.		C.	Wea.	Sea.
Valencia ...	29.55	54	51	W	3	8	q	?
Scilly ...	29.69	53	51	WSW	6	8	o	*
London ...	29.59	51	46	WSW	3	9	c	0
Rochefort ...	29.93	52	47	W	4	10	o	

Pressure continues to decrease except at Rochefort, most in the W & E of our Islands. The wind is veering slowly in most places, but the sky continues very cloudy.—

EXPLANATION OF COLUMNS.

BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER**: *Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. wet.

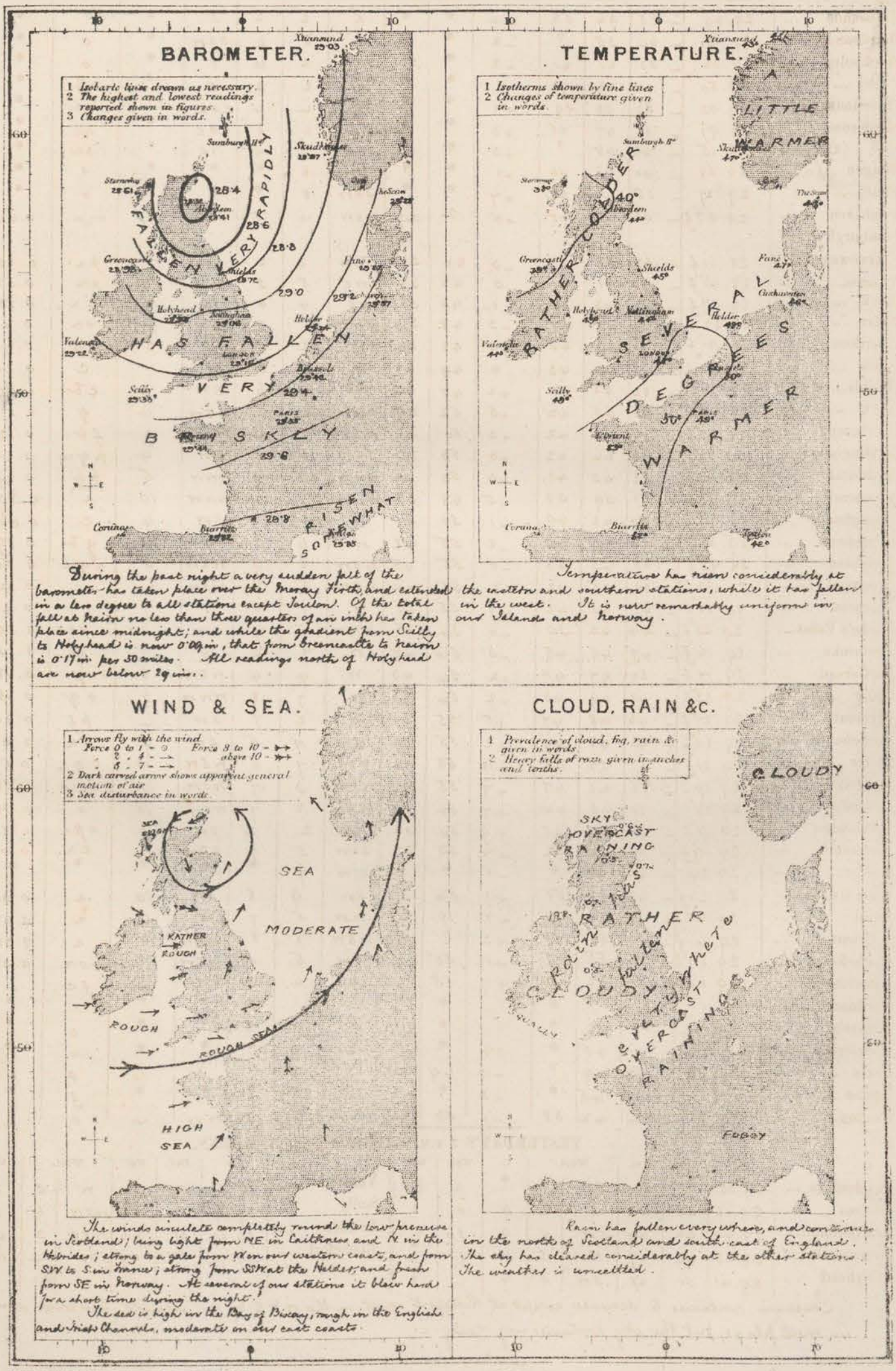
* AN ASTERISK is inserted in all places for which no information is received. The "extreme" wind for the Swedish and Norwegian Stations is an observation taken at 8 p.m.

N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS

AND REMARKS FOR

SATURDAY 1st NOVEMBER 1873 AT 8 A.M.



During the past night a very sudden fall of the barometer has taken place over the Moray Firth, and extended in a less degree to all stations except Joulon. Of the total fall at Inverness no less than three quarters of an inch has taken place since midnight; and while the gradient from Scilly to Holyhead is now 0·09 in, that from Greencastle to Inverness is 0·17 in per 50 miles. All readings north of Holyhead are now below 29 in.

Temperature has risen considerably at the eastern and southern stations, while it has fallen in the west. It is now remarkably uniform in our Islands and Norway.

The winds circulate completely round the low pressure in Scotland; being light from NE in Caithness and N in the Hebrides; strong to a gale from W on our western coasts, and from SW to S in France; strong from SSW at the Helder, and fresh from SE in Norway. At several of our stations it blew hard for a short time during the night.

The sea is high in the Bay of Biscay, rough in the English and Irish Channels, moderate on our east coasts.

Rain has fallen everywhere, and continues in the north of Scotland and south-east of England. The sky has cleared considerably at the other stations. The weather is unsettled.

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Meteorological Office
116, Victoria Strt. Westminster S.W.
ROBERT H. SCOTT, Director.

Vincent Brooks Day & Son Lith. London W.C.

SUMMARY OF WEATHER IN WESTERN EUROPE

from October 26th to November 1st 1873.

(Issued Weekly as a Supplement to the "Daily Weather Report.")

The weather experienced during this week was of a somewhat peculiar character. The recovery of pressure which was in progress over our Islands at the close of last week, continued until the 27th in Ireland and Scotland & until the 28th in the south. An anticyclone advanced from the Wst during this time, & at 8 am. on the 28th lay over England and St Georges Channel. Dry but cold foggy weather was thus very prevalent; but as the region of high pressure moved Ewd from us it became less clearly marked. The barometer fell both in the NW. of our Islands and in the S. of France, but by the morning of the 31st, owing to the N decrease having increased in rapidity and extended Swd, the SW3 current became general. During the early hours of Nov. 1st a very curious and sudden fall of the mercury took place in the NE of Scotland, resulting in the formation of a deep depression over the Moray Firth, which gave us some fresh W3 and NW3 gales in the W. & N. of our Islands. This depression with its attendant circulation of winds began to move off to the NEwd during the day; but instead of a rise of mercury on our coasts, pressure gave way very generally and was becoming equalized as the week closed. —

Oct 26th. – The barometer had continued to rise generally, the highest readings being now found off our most Wn coasts and the lowest over Sweden while a very shallow local depression lay over the SEn stations – apparently the same which was noticed a little further Wwd on the 25th. Temperature rose in the E & N. of England but fell elsewhere; and light N3 winds prevailed generally in our Islands. A great deal of lightning had been seen in the SE & S of England, & at Roches Point on the previous evening & was again seen on the following night in the SE. – Thunderstorms had occurred at Holyhead & Biarritz, but the weather was now, on the whole, fine. –

Oct 27th. – The barometer continued to rise briskly; the depressions noticed yesterday had disappeared; and the En portion of a rather large anticyclone was advancing from the Wn over our Wn stations. The winds were light – chiefly W3 in the N., N3 in the E., and ENE3 in the S. thus circulating round the high pressure in the usual manner. Temperature fell everywhere, and was low; while with the exception of some showers of snow and rain in the N. the weather was fair, though foggy in several places.

Oct 28th. — The area of highest pressure now lay over St Georges Channel, central and Sn England, where the readings exceeded 30.5 in. – The mercury had begun to fall in the W. & N., while the wind backed towards S. in the Wn parts of Scotland and Norway, freshening somewhat with warmer weather. Elsewhere little change had occurred, except that temperature again fell, and a great deal of fog prevailed in many places, notably in London. During the day, however, the fall of the barometer became general, and the region of high pressure moved Ewd but gradually decreased in intensity as it did so. –

Oct 29th. Barometrical readings were highest over Denmark, Holland, the E. and centre of England, lowest in the Mediterranean and off our NW. coasts. Gradients for SW3 winds were rather steep in the North. Thus while fresh S3 breezes were blowing in the W., drawing round to SW. in the North, and reaching the force of a gale at Stornoway; moderate ENE3 breezes prevailed in the

Channel and France, and also attained the force of a gale at Toulon. Scarcely any rain had fallen as yet but clouds increased considerably in the NW. and fog continued, or were increased, in the SE. —

Oct 30th — Pressure was still highest in Denmark, while an area of comparatively high readings extended thence over the E. and S. of England to the mouth of the Channel. The mercury continued to fall generally, though irregularly. In addition to the low pressures in the N. and S. (noticed on the 29th) a shallow local disturbance appeared over St Georges Channel. The Sly current hitherto prevailing in the N. thus becomes broken into by Nly breezes in the N. and E. of Ireland. Temperature rose in the N. and E. of England and while clouds increased generally rain set in over Ireland and Scotland, with hail at Roches Point. During the day the barometer began to fall faster in the North, the warmer weather spread Sward, with SWly winds, and the fog cleared.

Oct 31st Pressure varied from nearly 30 in: in the SW. of France to 29.25 in: in the NW. of Scotland where it had fallen half an inch in the 24 hrs. The SWly current of wind was general in our Islands and the N. of France, drawing into S. in Denmark, while fresh SEly breezes prevailed in Norway. The weather had become much warmer in Denmark, Holland and the E and S of England, but slightly colder elsewhere and showers prevailed generally. During the day the decrease of pressure continued very uniformly, and the weather was apparently rather unsettled. —

Nov 1st. — By 8 am a very sudden change had taken place pressure having fallen 0.75 in at Nairn since midnight of the 31st, making a total fall of 1.01 in: during the 24 hours. The change extended rapidly, though in a less degree to all the coasts of Wn Europe. A very deep depression had been formed in the N., having its centre over the Moray Firth and the gradients on its SWn, Sn, and SEn sides were steep. The wind circulated round region of low pressures being fresh to strong generally, and reaching the force of fresh or strong gales for a time in the N. as well as at the Helder & Jaö. Temperature fell in Ireland and the W. of Scotland, but rose considerably elsewhere. Rain fell at all stations, with hail at Roches Point and Dover. The centre of the storm now moved NEward, and a NW. gale was felt in Scotland during the morning. The afternoon reports showed that pressure had again begun to give way in the W., with a very high sea at Valencia; but simultaneously with this the mercury fell fast in the SW. of France so that during the night pressure became more uniform, and the winds subsided generally. — Aurora was seen at Thurso. —

Meteorological Office
116. Victoria Strt. Westminster S.W.
ROBERT H. SCOTT, Director.

Sun-day 8 a.m. WEATHER REPORT. Nov 2nd 1873.

STATIONS.	BAROMETER. At 8 A.M. Reduced to 32° F. at the Mean Sea Level.	BAROMETER. Change since yesterday.	THERMOMETERS. (In shade). At 8 A.M. Dry bulb.	THERMOMETERS. At 8 A.M. Wet bulb.	THERMOMETERS. Change in the dry bulb since yesterday.	THERMOMETERS. In past 24 hours. Max.	THERMOMETERS. In past 24 hours. Min.	WIND. At 8 A.M. Direc.	WIND. At 8 A.M. Force. (0 to 12.)	WIND. Extreme. Force. (0 to 12.)	WIND. Extreme. Direc.	Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Disturbance. 0 to 9.
Haparanda ...	29.51	+.02	33	32	-1	*	*	SE	2	2	E	*	o	*	*
Hernösand ...	29.43	+.25	43	42	+8	*	*	S	6	4	S	*	o	*	*
Stockholm ...	29.55	+.19	46	44	+5	*	*	S	4	6	S	*	f	*	*
Wisby	29.60	+.10	46	44	+4	*	*	SW	6	6	SW	*	o	*	*
Christiansund ...	29.20	+.17	46	41	+3	*	*	SE	4	2	SSE	*	c	*	3
Skudesnaes ...	29.26	+.29	46	42	-1	*	*	SSE	8	8	ESE	*	c	*	7
Oxö (Christiansand)	29.39	+.24	47	43	-1	*	*	SSW	2	8	S	*	cb	*	2
Skagen (The Skaw)	29.45	+.17	48	46	+2	*	*	SW	6	*	*	*	c	*	*
Fanö	29.43	+.16	46	45	-1	*	*	S	6	*	*	*	c	*	*
Cuxhaven ...	29.51r	+.06	48	47	+2	?	44	SSW	3	5	SSW	5	mc	0.09	?
Sumburgh Head															
Stornoway (Hebrides.)	28.86f	+.24	37	36	-1	42	33	W	2	3	NW	4	pw	0.26	5
Thurso... ...	28.86r	+.40	34	33	-7	46	33	S	1	8	NW	5	rc	1.02	3
Wick	28.98r	+.61	41	37	-2	45	35	SSW	3	8	NW	4	rc	0.30	2
Nairn	28.94r	+.62	37	34	-1	40	33	Z	0	7	NNW	0	rb	0.19	1
Aberdeen ...	29.01r	+.60	37	35	-7	45	34	SSW	2	7	WSW	1	qb	-	1
Leith	29.10r	+.63	42	38	-2	48	35	W	3	6	W	3	cb	0.01	*
Shields... ...	29.20r	+.48	39	37	-6	47	36	S	3	8	SW	6	bc	0.01	2
York	29.25r	+.33	37	36	-8	49	34	S	1	6	W	9	o	0.03	*
Scarborough ...	29.26r	+.38	40	39	-4	47	35	SW	5	6	WSW	1	cb	-	4
Nottingham ...	29.28r	+.22	37	36	-7	52	33	S	4	6	SSW	1	pb	0.02	*
Ardrossan ...	29.04r	+.43	43	40	-2	47	39	SW	4	9	NNW	6	rc	0.27	4
Greencastle ...	29.06r	+.13	39	38	0	42	36	W	3	7	WSW	9	co	0.05	*
Donaghadee ...	29.09r	+.30	35	34	-7	44	33	W	3	7	W	4	c	0.07	3
Kingstown ...	29.13r	+.12	37	35	-6	46	37	Z	0	6	W	7	cf	-	1
Holyhead ...															
Liverpool (Bidston Obs.)	29.23r	+.21	37	36	-8	48	35	SSE	2	7	WSW	10	co	0.31	3
Valencia ...	29.22r	.00	41	39	-3	53	35	NNE	3	7	W	3	pb	0.25	4
Roche's Point ...	29.11s	-.08	37	36	-3	45	36	N	3	6	NNW	3	pbr	0.11	4
Pembroke ...	29.14r	.00	45	42	-3	49	39	W	2	8	WSW	7	qp	0.26	4
Portishead ...	29.23r	+.06	42	40	-5	52	37	WSW	3	6	W	10	qq	0.09	1
Scilly	29.15f	-.18	46	44	-3	50	43	SSW	5	7	WSW	6	qp	0.09	7
Plymouth ...	29.19f	-.08	46	44	-2	52	39	W	1	6	SW	7	qf	0.01	*
Portsmouth ...	29.32r	+.08	49	46	+1	52	40	SW	5	7	SW	6	cqu	0.21	4
Dover	29.37r	+.16	46	45	-8	50	40	SW	5	4	WSW	3	bbb	0.03	4
London ...	29.32r	+.16	43	41	-5	52	38	SW	3	5	WSW	8	cqo	0.20	*
Oxford... ...	29.29	+.13	38	37	-8	52	33	SE	1	3	SW	8	o	-	*
Cambridge ...	29.32r	+.22	38	37	-8	52	35	SE	1	2	SW	4	c	0.02	*
Yarmouth ...	29.36r	+.27	44	43	-8	53	39	SSW	4	4	WSW	3	rb	0.19	2
Helder... ...				*		*	*			*	*	*	*	*	
Cape Gris Nez...	29.39r	+.13	48	44	-5	55	43	SW	7	7	SW	8	ro	0.35	5
Brest	29.26f	-.19	50	48	0	51	45	SW	5	7	WSW	10	o	0.04	5
L'Orient ...	29.29f	-.12	50	46	-5	59	45	SW	5	5	WSW	8	o	0.08	5
Rochefort ...	29.50f	-.19	49	49	-6	57	47	?	5	7	?	10	ro	0.75	5
Biarritz ...	29.56f	-.26	51	46	-1	59	49	S	4	5	SW	6	rc	0.16	5
Corunna ...	29.53	-.32	48	*	-7	*	*	SW	6	*	*	*	or	*	7
Brussels ...	29.50	+.08	48	*	-2	*	*	SSE	3	*	*	*	ro	*	*
Charleville ...	29.55	?	46	*	+1	*	*	S	4	*	*	*	?	*	*
Paris	29.53r	+.02	47	?	+2	50	43	SE	3	?	?	10	-o	0.16	*
Lyons	?		53	*	+8	*	*	S	2	*	*	*	c	*	*
Toulon... ...	29.75f	-.10	49	49	+7	54	46	E	5	3	NW	9	br	0.16	4

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		C.	Wea.	Sea.
Skudesnaes ...	28.80	48	45	SSE	8	*	o	7
Thurso ...	28.29	41	40	NW	8	10	rqf	5
Scarborough...	28.97	46	43	WSW	6	5	c	5
Greencastle ...	28.86	42	40	WSW	7	6	?c	*
Holyhead ...	29.03	46	43	WSW	5	5	c	4

	Bar.	Dry.	Wet.	Wind.		C.	Wes.
Valencia ...	29.12	43	41	W	6	5	pb
Scilly ...	29.32	49	44	WSW	7	6	q
London ...	29.23	49	46	WSW	3	5	rpc
Rochefort ...	29.54	56	54	SW	7	10	r

Pressure continues to decrease both in the W. and N. but has increased in the E. The depression noticed this morning is passing off to the NE^ly and a NW. gale has set in at Thurso. At Holyhead the wind has moderated. The weather is very unsettled.

Warnings issued to all coasts.—

EXPLANATION OF COLUMNS.

BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER**: *Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. wet.

* AN ASTERISK is inserted in all places for which no information is received. The "extreme" wind for the Swedish and Norwegian Stations is an observation taken at 8 p.m.

N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

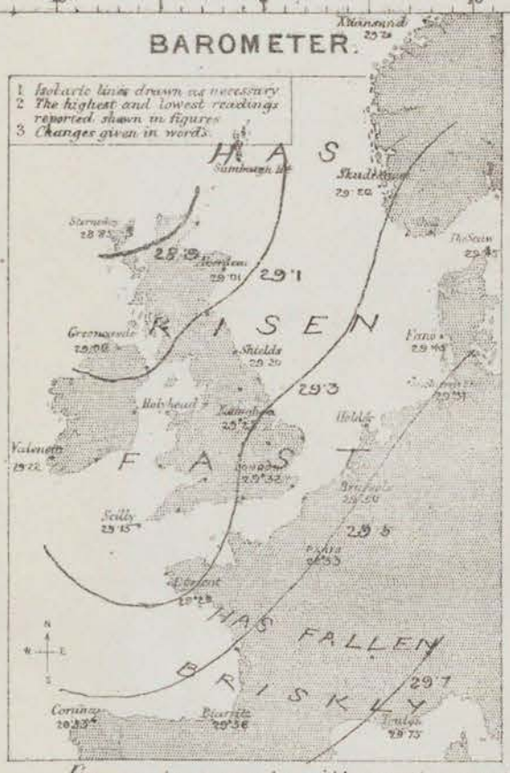
WEATHER CHARTS

AND REMARKS FOR

SUNDAY 2nd NOVEMBER 1873 AT 8 A.M.

BAROMETER.

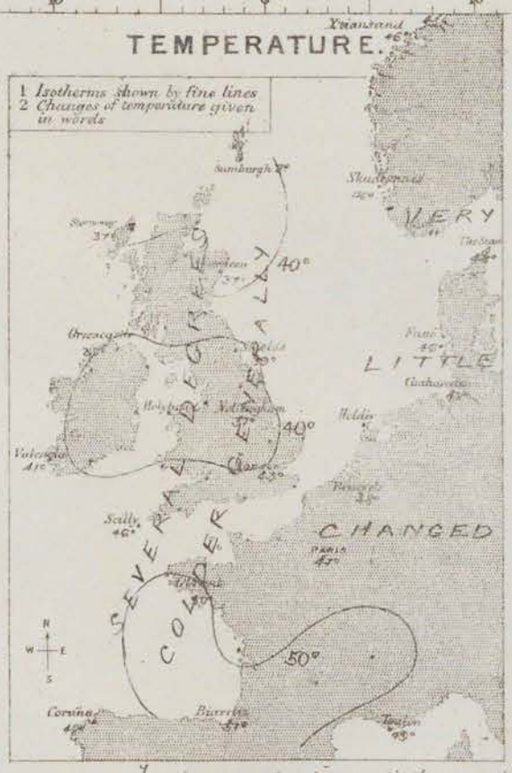
1 Isobaric lines drawn as necessary
2 The highest and lowest readings reported shown in figures
3 Changes given in words



Pressure has recovered quickly at all our northern and eastern stations during the past 24 hours, but in France and the south-west of our Islands the decrease has continued. A very shallow depression lies apparently at the mouth of the St. George's Channel this morning, but readings are much more uniform than they were yesterday; and the gradient from Charleville to Stornoway is 0·06 in. per 50 miles.

TEMPERATURE.

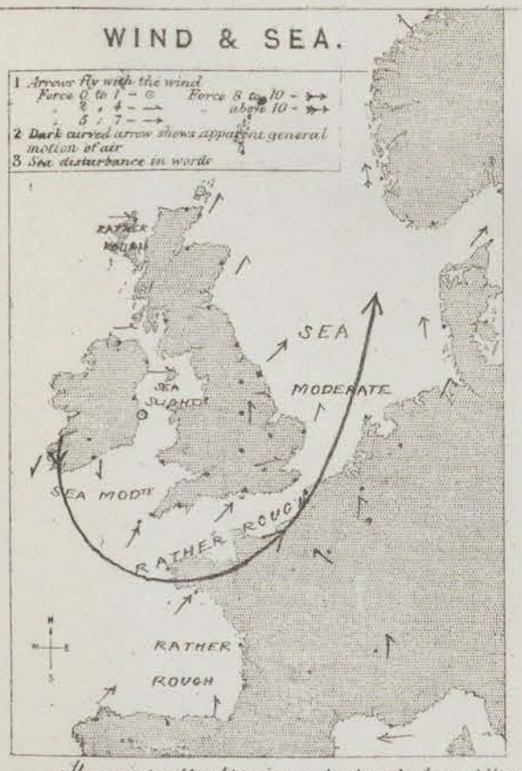
1 Isotherms shown by fine lines
2 Changes of temperature given in words



Temperature has fallen a little generally — most at our south-eastern stations but very little change is reported from Norway and Denmark.

WIND & SEA.

1 Arrows fly with the wind
Force 0 to 1 — ⊙ Force 8 to 10 — ⟶
" 2 " 4 — ⟶ " above 10 — ⟶
" 5 " 7 — ⟶
2 Dark curved arrow shows apparent general motion of air
3 Sea disturbance in words



The wind after blowing a fresh gale from NW in Caithness yesterday afternoon has now subsided generally. Light N^ly winds prevail in the south of Ireland, but elsewhere S^ly and SW^ly breezes are most general, blowing freshly on the eastern shores of the North Sea.

The sea is high at Scilly, rather rough in the Channel and Bay of Biscay.

CLOUD, RAIN &c.

1 Prevalence of cloud, fog, rain &c. given in words
2 Heavy falls of rain given in inches and tenths.

Aurora was seen at Thurso last night. Thunder, lightning and hail occurred at Dover last night. Rain has fallen in all parts. The sky is moderately clear in Scotland and the south of Ireland, but very cloudy elsewhere.

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Delivery by hand 10/ per quarter.
" " book post 5/ per quarter.

Meteorological Office
116, Victoria Str^t. Westminster S.W.
ROBERT H. SCOTT. Director.

Vincent Brooks Day & Son Lith. London W.

Mon- day 8 a.m. **WEATHER REPORT.** Nov 3rd 1873.

STATIONS.	BAROMETER. At 8 A.M. — Reduced to 32° F. at the Mean Sea Level.	Change since yesterday.	THERMOMETERS. (In shade). At 8 A.M. Dry bulb.	Wet bulb.	Change in the dry bulb since yesterday.	In past 24 hours. Max.	Min.	WIND. At 8 A.M. Direc.	Force. — (0 to 12.)	Extreme. Force. — (0 to 12.)	Direc.	Amount of Cloud 0 to 10.	Weather. — By Beaufort Scale.	Rainfall. — In past 24 Hours.	Sea Disturbance. — 0 to 9.
Haparanda ...	29.76	+·25	36	35	+3	*	*	SW	2	4	SW	*	o	*	*
Hernösand ...	29.85	+·42	32	32	+9	*	*	Z	0	2	S	*	f	*	*
Stockholm ...	29.84	+·29	44	44	−2	*	*	E	2	2	S	*	f	*	*
Wisby	29.90	+·30	44	44	−2	*	*	SW	2	2	SW	*	c	*	*
Christiansund ...	29.69	+·49	42	38	−4	*	*	E	2	4	ESE	*	cb	*	4
Skudesnaes ...	29.59	+·33	48	44	+2	*	*	E	6	6	SSE	*	c	*	4
Oxö (X'tiansand)	29.66	+·27	48	48	+1	*	*	ESE	6	2	NW	*	cr	*	4
Skagen (The Skaw)	29.74	+·29	48	47	0	*	*	SE	6	*	*	*	o	*	*
Fanö	29.58	+·15	45	44	−1	*	*	E	6	*	*	*	c	*	*
Cuxhaven ...	29.56f	+·05	43	42	−5	52	?	S	3	3	S	5	cb	–	?
Sumburgh Head															
Stornoway (Hebrides.)	29.20r	+·35	44	42	+7	45	35	S	5	6	SW	8	pu	0.18	6
Thurso... ...	29.29r	+·43	34	32	0	43	34	SSE	1	?10	SSW	3	cm	–	2
Wick	29.32r	+·34	42	39	+1	44	39	S	1	4	SSW	2	b	–	0
Nairn	29.32r	+·39	34	32	−3	44	34	Z	0	2	SSW	4	b	–	1
Aberdeen ...	29.34r	+·33	33	32	−4	43	32	Z	0	3	SSW	4	bm	–	1
Leith	29.36r	+·26	31	31	−11	48	30	SW	2	3	W	5	cm	–	*
Shields... ...	29.38r	+·18	40	39	+1	44	38	S	1	2	SSW	7	cf	0.02	2
York	29.40r	+·15	40	40	+3	49	36	S	1	2	S	10	cf	0.07	*
Scarborough ...	29.42r	+·16	42	42	+2	45	40	SW	1	4	SW	9	co	0.02	2
Nottingham ...	29.42r	+·14	43	42	+6	50	36	S	1	3	SSE	10	co	0.11	*
Ardrossan ...	29.34r	+·30	36	35	−7	47	36	ENE	2	4	SW	4	cf	–	2
Greencastle ...	29.31r	+·25	41	40	+2	42	38	WSW	2	5	S	9	cq	0.03	*
Donaghadee ...	29.33r	+·24	32	31	+3	42	32	WSW	2	3	W	3	cb	–	1
Kingstown ...	29.37r	+·24	37	35	0	43	35	W	1	1	SW	5	f	–	1
Holyhead ...	29.34r		42	41		45	38	Z	0	3	SSW	5	pm	0.07	0
Liverpool (Bidston Obs.)	29.43r	+·20	38	37	+1	45	35	SE	2	3	SE	4	c	0.01	2
Valencia ...	29.44r	+·22	48	46	+7	53	39	W	4	4	NNE	5	pb	0.26	5
Roche's Point ...	29.38r	+·27	41	40	+4	45	37	NNW	3	3	NNW	7	bc	–	3
Pembroke ...	29.38r	+·24	41	40	−4	47	40	Z	0	2	ENE	3	cv	0.06	2
Portishead ...	29.37r	+·14	40	40	−2	48	36	SSE	2	5	S	8	mq	0.04	1
Scilly	29.42r	+·27	45	43	−1	49	44	SSW	2	5	NNE	5	uc	0.21	6
Plymouth ...	29.40r	+·21	38	38	−6	49	35	Z	0	2	S	0	rf	0.32	*
Portsmouth ...	29.40r	+·08	50	47	+1	53	45	SW	3	5	SW	6	uc	0.15	3
Dover	29.45r	+·08	49	48	+3	52	44	SSW	4	5	SSE	5	uc	0.04	4
London ...	29.42r	+·10	42	41	−1	53	39	SSW	2	4	SSE	3	crb	0.48	*
Oxford... ...	29.41	+·12	42	41	+4	46	38	S	1	2	S	10	r	0.33	*
Cambridge ...	29.44r	+·11	40	40	+2	50	36	SE	1	1	S	6	rc	0.73	*
Yarmouth ...	29.46r	+·10	48	47	+4	51	43	SSW	3	6	S	6	bc	0.03	2
Helder... ...	29.53		41	*		*	*	SSE	2	*	*	*	*	*	2
Cape Gris Nez...	29.45r	+·06	43	41	−5	54	42	SSW	3	7	SSW	5	fc	–	2
Brest	29.46r	+·20	49	47	−1	54	45	NNW	1	7	?	?	o	–	4
L'Orient ...	29.45r	+·16	44	44	−6	55	43	NNW	1	5	W	4	rc	0.40	3
Rochefort ...	29.48r	−·02	46	44	−3	54	44	SE	3	7	S	5	rc	0.91	5
Biarritz ...	29.49r	−·07	49	47	−2	56	46	W	8	7	S	10	or	0.95	6
Corunna ...	29.57	+·04	50	*	+2	*	*	NW	6	*	*	*	o	*	7
Brussels ...	? 29.49	−·01	47	*	−1	*	*	ESE	3	*	*	*	c	*	*
Charleville ...	29.57	+·02	44	*	−2	*	*	S	6	*	*	*	c	*	*
Paris	29.51r	−·02	40	?	−7	51	39	SE	1	7	SSW	4	c	–	*
Lyons	?		49	*	−4	*	*	SW	1	*	*	*	o	*	*
Toulon... ...	29.51f	−·24	56	56	+7	57	?	E	7	7	SE	9	ru	0.16	5

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		C.	Wea.	Sea.
Skudesnaes ...	29.39	46	42	S	6	*	c	6
Thurso ...								
Scarborough...								
Greencastle ...								*
Holyhead ...								

	Bar.	Dry.	Wet.	Wind		C	Wea.	Sea
Valencia ...								
Scilly ...								
London ...								
Rochefort ...	29.43	51	47	S	7	10	r	

EXPLANATION OF COLUMNS.

BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER**: *Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. wet; [illegible]

* AN ASTERISK is inserted in all places for which no information is received. The "extreme" wind for the Swedish and Norwegian Stations is an observation taken at 8 p.m.

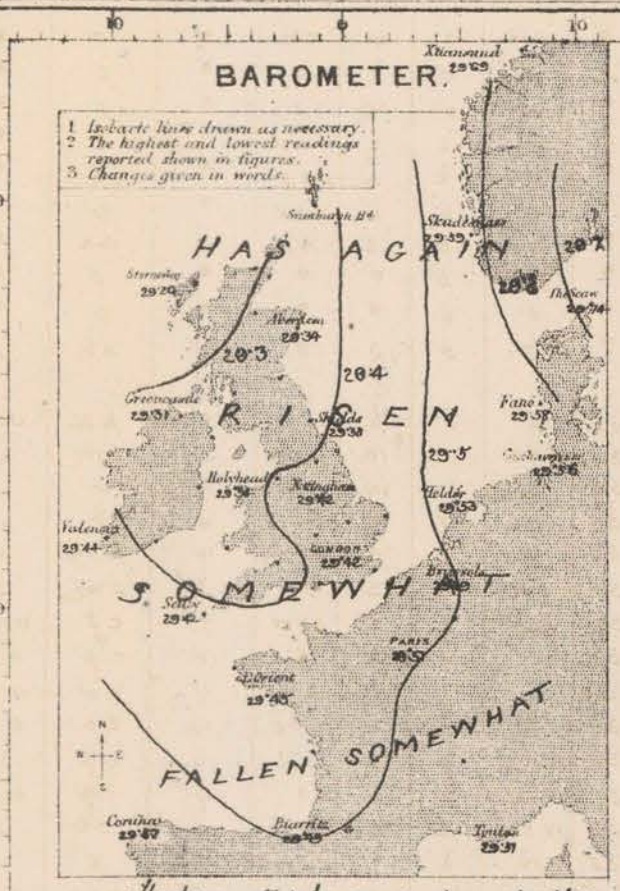
N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS

AND REMARKS FOR

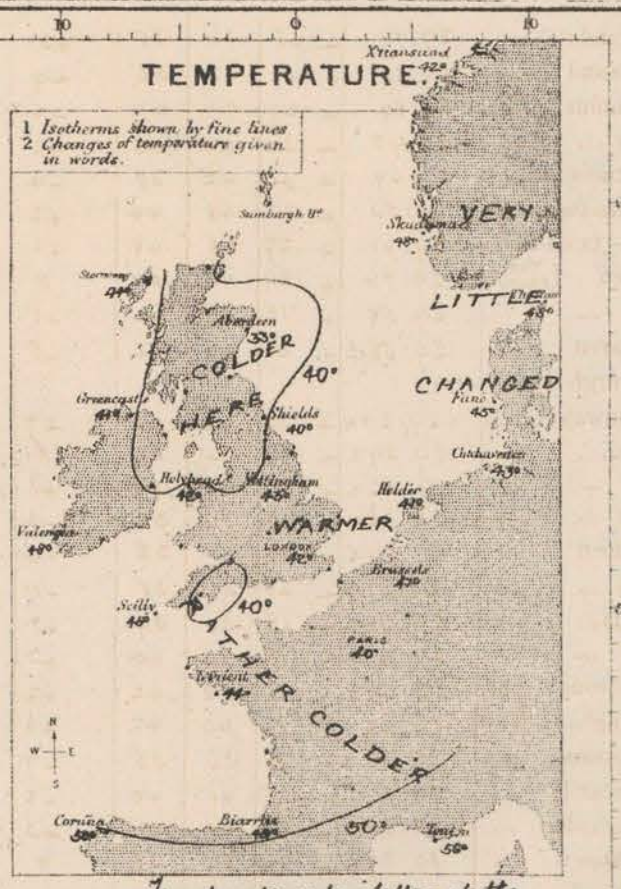
MONDAY 3RD NOVEMBER 1873 AT 8 A.M.

BAROMETER.



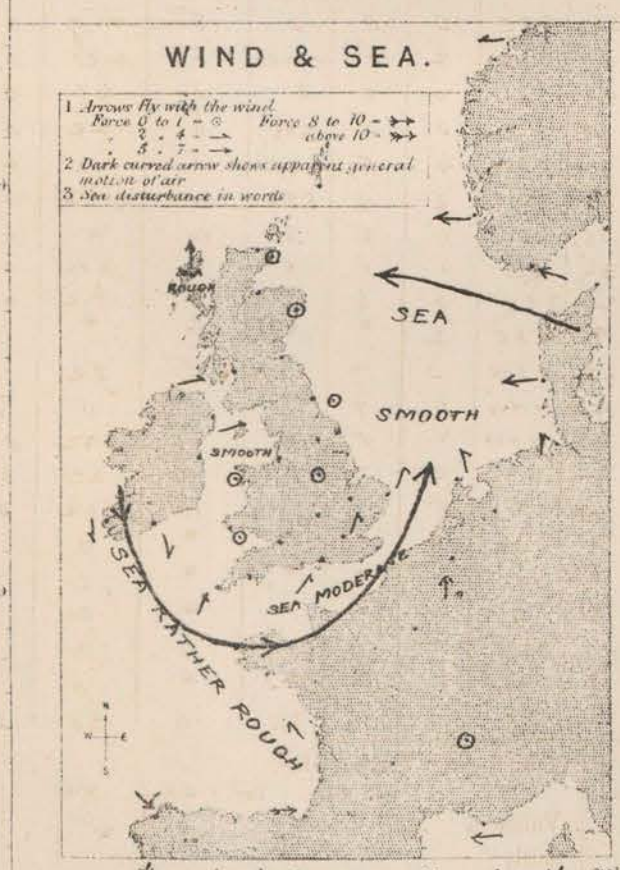
The barometer has again risen at all our stations except the Norwegian and Danish stations, while in the south of France a further fall has occurred. Readings are now highest over Sweden, but over the British Isles pressure is very irregularly distributed. The gradient from the Scaw to Aberdeen is 0·05 in. per 50 miles.

TEMPERATURE.



Temperature has fallen at the south-western stations as well as in the south and east of Scotland, where it is now low. Elsewhere it has changed very irregularly.

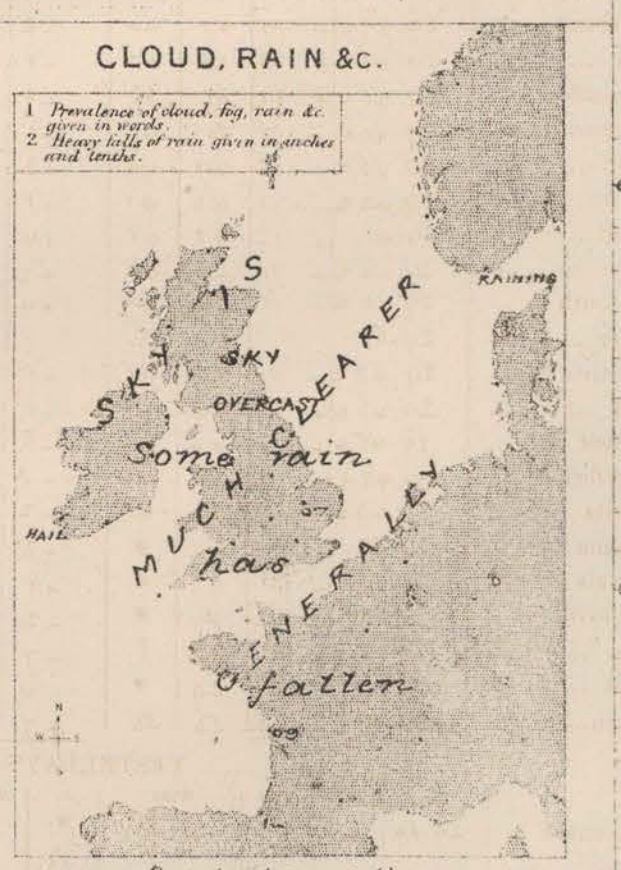
WIND & SEA.



The wind has been very strong from the S.W. in the Bay of Biscay since Saturday but has now subsided except at Biarritz, where a W. gale is blowing. Light W. breezes prevail in the south of Ireland, light S. in England, calms in Scotland, with very fresh E. winds in Norway and Denmark.

The sea is still rough on the south west coasts and at Stornoway.

CLOUD, RAIN &c.



Rain has fallen in the west and south, with hail at Valencia. The sky has since cleared considerably — except in the north of England.

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" by post 3/ per quarter

Meteorological Office
116, Victoria Strt. Westminster S.W.
ROBERT H. SCOTT, Director.

Harrison & Sons Brooks Day & Son Lith. London W.C.

Tues. day 8 a.m. **WEATHER REPORT.** Nov 4th 1873.

STATIONS.	BAROMETER. At 8 A.M. Reduced to 32° F. at the Mean Sea Level.	BAROMETER. Change since yesterday.	THERMOMETERS. (In shade). At 8 A.M. Dry bulb.	THERMOMETERS. At 8 A.M. Wet bulb.	THERMOMETERS. Change in the dry bulb since yesterday.	THERMOMETERS. In past 24 hours. Max.	THERMOMETERS. In past 24 hours. Min.	WIND. At 8 A.M. Direc.	WIND. At 8 A.M. Force. (0 to 12.)	WIND. Extreme. Force. (0 to 12.)	WIND. Extreme. Direc.	Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Disturbance. 0 to 9.
Haparanda ...	29.24	− .32	37	37	+1	*	*	S	2	2	SW	*	f	*	*
Hernösand ...	29.86	+ .01	39	33	+7	*	*	ESE	?	?	?	*	?	*	*
Stockholm ...	29.76	− .08	46	46	+2	*	*	SE	4	2	SE	*	r	*	*
Wisby						*	*					*		*	*
Christiansund ...	29.51	− .18	46	44	+4	*	*	W	4	2	SSE	*	co	*	4
Skudesnaes ...	29.54	− .05	45	44	−3	*	*	S	6	4	ESE	*	or	*	4
Oxö (X'mansand)	29.59	− .07	47	45	−1	*	*	SSE	4	6	ESE	*	rc	*	3
Skagen (The Skaw)	29.65	− .09	46	45	−2	*	*	SW	2	*	*	*	o	*	*
Fanö	29.58	.00	44	44	−1	*	*	?	4	*	*	*	f	*	*
Cuxhaven ...	29.58f	+ .02	41	41	−2	55	?	SE	2	2	E	9	tf	−	?
Sumburgh Head															
Stornoway (Hebrides.)	29.29r	+ .09	45	44	+1	46	41	S	6	6	SSE	6	tc	0.00	7
Thurso... ...	29.34r	+ .05	33	32	−1	49	32	S	1	2	SSE	4	tm	−	2
Wick	29.37s	+ .05	41	39	−1	47	37	Z	0	2	S	2	t	−	0
Nairn	29.37r	+ .04	36	34	+2	45	33	Z	0	1	SSW	4	tc	−	1
Aberdeen ...	29.40r	+ .06	?36	?35	?+3	44	32	SW	1	1	SSW	1	mt	−	1
Leith	29.46r	+ .10	36	35	+5	48	30	W	2	2	W	4	cm	−	*
Shields... ...	29.47f	+ .09	37	36	−3	44	35	Z	0	3	S	7	m	−	2
York	29.54r	+ .14	31	31	−9	46	30	Z	0	1	S	10	of	0.01	*
Scarborough ...	29.52r	+ .10	35	35	−7	45	35	SSW	2	2	S	8	of	−	2
Nottingham ...	29.55r	+ .13	33	33	−10	49	31	WNW	1	3	S	7	pkf	0.07	*
Ardrossan ...	29.47r	+ .13	45	43	+9	49	30	S	3	3	SE	5	a	0.05	3
Greencastle ...	? 29.22f	− .09	38	37	−3	45	38	W	1	4	SW	1	ct	−	*
Donaghadee ...	29.44r	+ .11	35	34	+3	48	31	SSW	2	3	S	2	ct	−	1
Kingstown ...	29.48r	+ .11	40	37	+3	46	36	Z	0	2	W	3	ft	−	0
Holyhead ...	29.45r	+ .11	41	40	−1	48	40	SW	1	1	SW	6	pm	0.10	1
Liverpool (Bidston Obs.)	29.55	+ .12	36	35	−2	47	35	SE	2	3	SE	4	tc	−	2
Valencia ...	29.37f	− .07	46	44	−2	50	40	ESE	3	4	NW	7	pc	0.01	4
Roche's Point ...	29.38f	.00	46	45	+5	48	38	SE	4	4	SE	9	to	0.12	4
Pembroke ...	29.47f	+ .09	44	44	+3	52	40	NE	1	3	WSW	10	po	0.05	3
Portishead ...	29.51r	+ .14	37	37	−2	53	35	SSE	2	2	SSE	7	mf	0.05	1
Scilly	29.45f	+ .03	50	48	+5	51	44	SE	5	5	SE	8	qo	0.05	4
Plymouth ...	29.51r	+ .11	40	40	+2	50	35	ENE	1	2	SW	10	pm	0.10	*
Portsmouth ...	29.55r	+ .15	44	48	−1	51	38	SW	1	3	SW	6	c	0.05	1
Dover	29.61r	+ .16	41	39	−8	51	39	NW	1	3	SSW	5	c	−	1
London ...	29.58r	+ .16	32	32	−10	55	30	Z	0	2	SSE	10	cbf	−	*
Oxford... ...	29.57	+ .16	33	32	−9	51	28	Z	0	1	SW	9	f	−	*
Cambridge ...	29.58r	+ .14	33	33	−7	51	31	W	1	1	SSW	7	tc	−	*
Yarmouth ...	29.62r	+ .16	40	39	−8	53	37	WSW	2	3	S	3	tm	0.01	1
Helder	29.58	+ .05	45	*	+4	*	*	SSE	2	*	*	*	*	*	2
Cape Gris Nez...	29.62r	+ .17	43	41	0	51	42	SSE	1	1	SSW	5	c	−	1
Brest	29.53r	+ .07	50	48	+1	55	45	SE	3	4	WSW	10	o	−	3
L'Orient ...	29.56f	+ .11	49	47	+5	57	43	SSW	1	3	SW	8	co	−	2
Rochefort ...	29.68r	+ .20	46	42	0	58	43	SSE	4	4	W	10	co	−	3
Biarritz ...	29.73r	+ .24	48	46	−1	50	46	S	4	8	NW	9	to	2.14	5
Corunna ...				*		*	*			*	*	*		*	
Brussels ...	29.64	?+ .15	47	*	0	*	*	E	3	*	*	*	of	*	*
Charleville ...	29.65	+ .08	40	*	−4	*	*	SE	3	*	*	*	c	*	*
Paris	29.69r	+ .18	41	?	+1	49	41	SE	1	2	W	4	c	−	*
Lyons	?		52	*	+3	*	*	SE	1	*	*	*	o	*	
Toulon... ...	29.75r	+ .24	49	47	−4	56	48	WSW	1	8	SW	9	or	0.55	5

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		C.	Wea.	Sea.
Skudesnaes ...	29.54	49	45	ESE	4	*	o	4
Thurso ...	29.31	46	44	SSE	2	3	c	2
Scarborough...	29.45	44	41	S	2	9	o	2
Greencastle ...	29.35	45	44	SW	3	+	c	*
Holyhead ...	29.38	47	45	SW	1	6	c	1

	Bar	Dry.	Wet.	Wind.		C.	Wea.	Sea.
Valencia ...	29.49	47	45	NW	3	6	fo	4
Scilly ...	29.47	50	48	WSW	4	6	c	*
London ...	29.48	52	48	SSE	2	8	c	5
Rochefort ...	29.55	54	49	NW	4	2	m	

Pressure continues to increase everywhere, and light variable winds prevail, with cloudy weather & showers at Valencia.

EXPLANATION OF COLUMNS.

BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER:** *Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. wet, dew.

* AN ASTERISK is inserted in all places for which no information is received. The "extreme" wind for the Swedish and Norwegian Stations is an observation taken at 8 p.m.

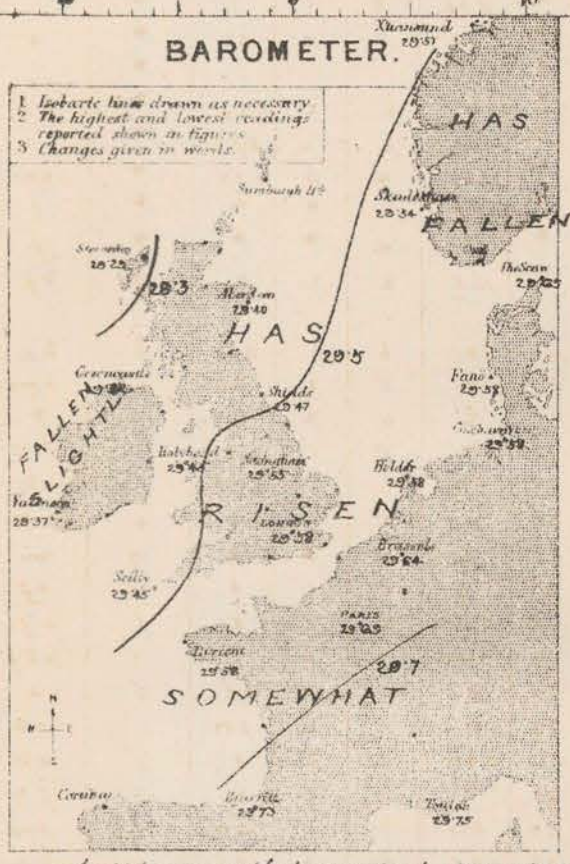
N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS

AND REMARKS FOR

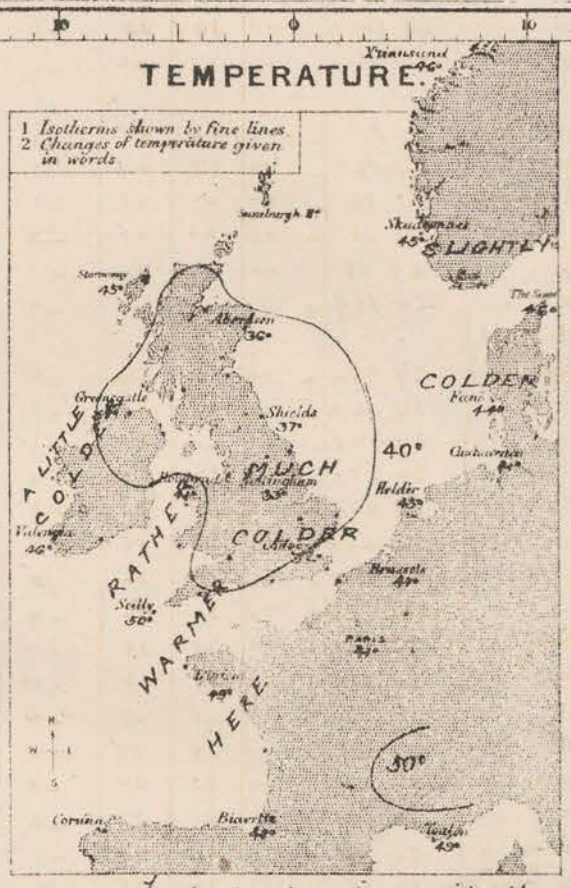
TUESDAY 4TH NOVEMBER 1873 AT 8 A.M.

BAROMETER.



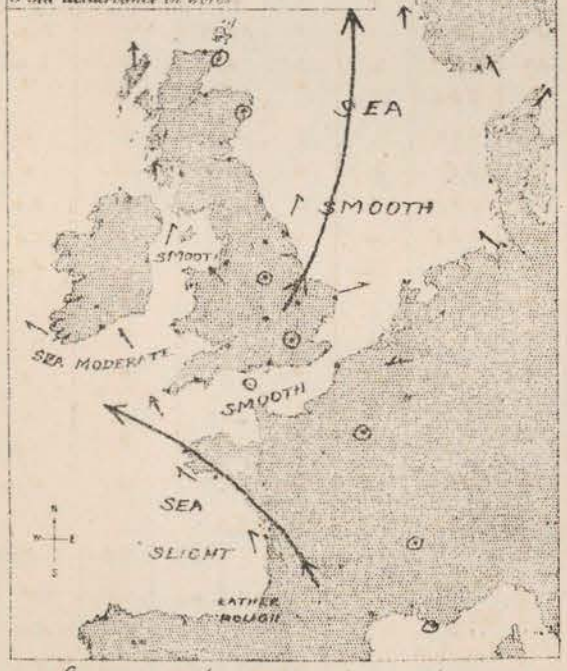
A slight rise of the barometer has taken place at all our own and the French and Dutch stations during the past 24 hours; but in the south-west the mercury has begun to fall again rather briskly during the night, and a separate fall is reported from Norway. The gradients from Biarritz to Valencia, and from the Helder to Thorshavn are 0·03in. per 50 miles.

TEMPERATURE.



Temperature has fallen considerably at our eastern and the south-eastern stations, and slightly in the west of Ireland; but on the western coasts of G. Britain, the east of Ireland and the west of France it has risen. In London it fell to 30° in the shade and 21° on the grass during the night.

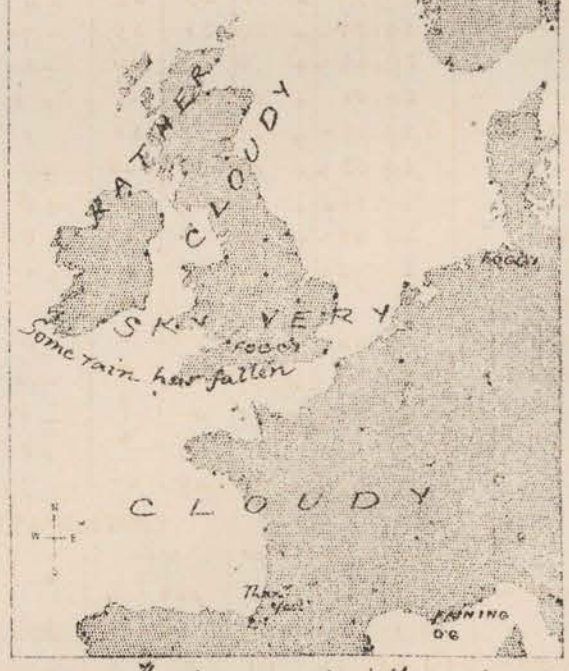
WIND & SEA.



Moderate SE. winds have now set in at our south-eastern stations and in France, while a rather strong S. wind is blowing at Stornoway and moderate S. in the south of Norway. Elsewhere the winds are very light and variable.

The sea runs high at Stornoway, but is moderate to smooth generally.

CLOUD, RAIN &c.



The sky is overcast in the south-west and south of our Islands, where, too, a little rain has fallen. Elsewhere it is clearer, though foggy in some places.

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Meteorological Office
116, Victoria Strt. Westminster S.W.
ROBERT H. SCOTT, Director.

Vincent Brooks Day & Son Lith. London W.C.

Wednes-day 8 a.m. **WEATHER REPORT.** Nov 5th 1873.

STATIONS.	BAROMETER. At 8 A.M. — Reduced to 32° F. at the Mean Sea Level.	BAROMETER. Change since yesterday.	THERMOMETERS. (In shade). At 8 A.M. Dry bulb.	THERMOMETERS. At 8 A.M. Wet bulb.	THERMOMETERS. Change in the dry bulb since yesterday.	THERMOMETERS. In past 24 hours. Max.	THERMOMETERS. In past 24 hours. Min.	WIND. At 8 A.M. Direc.	WIND. At 8 A.M. Force. — (0 to 12.)	WIND. Extreme. Force. — (0 to 12.)	WIND. Extreme. Direc.	Amount of Cloud 0 to 10.	Weather. — By Beaufort Scale.	Rainfall. — In past 24 Hours.	Sea Disturbance. — 0 to 9.
Haparanda ...	29.70	+ ·46	40	39	+3	*	*	S	2	2	S	*	f	*	*
Hernösand ...	29.60	− ·26	42	42	+3	*	*	S	2	4	SSE	*	r	*	*
Stockholm ...	29.61	− ·15	47	47	+1	*	*	S	2	1	SE	*	f	*	*
Wisby	29.75		48	46		*	*	SW	2	?	?	*	f	*	*
Christiansund ...	29.63	+ ·12	42	?	−4	*	*	WSW	4	2	SSW	*	cr	*	4
Skudesnaes ...	29.66	+ ·12	45	45	0	*	*	SW	6	6	SSE	*	c	*	3
Oxö (X'tiansand)	29.66	+ ·07	41	40	−6	*	*	NNW	2	2	SE	*	c	*	2
Skagen (The Skaw)	29.72	+ ·07	43	43	−3	*	*	SW	2	*	*	*	b	*	*
Fanö	29.68	+ ·10	39	39	−5	*	*	S	2	*	*	*	f	*	*
Cuxhaven ...	29.75r	+ ·17	43	43	+2	?	38	SSE	2	2	SW	9	f	−	?
Sumburgh Head															
Stornoway (Hebrides.)	29.54r	+ ·25	34	32	−11	47	29	NW	1	6	S	1	b	−	3
Thurso... ...	? 29.54r	+ ·20	28	25	−5	51	28	SSW	2	1	S	3	c	−	2
Wick	29.57r	+ ·20	28	27	−13	41	26	W	1	2	SW	2	b	−	0
Nairn	29.57r	+ ·20	28	26	−8	44	26	Z	0	0	Z	? 7	bc	−	2
Aberdeen ...	29.56r	+ ·16	30	30	−6	43	29	Z	0	1	SW	6	bm	−	0
Leith	29.52f	+ ·06	37	37	+1	50	30	E	2	3	W	10	bo	−	*
Shields... ...	29.52f	+ ·05	45	44	+8	45	35	SE	2	2	S	6	fm	−	2
York	29.50f	− ·04	44	43	+13	45	30	ESE	1	1	ESE	9	fq	−	*
Scarborough ...	29.52f	* ·00	47	47	+12	47	35	SSE	3	2	SSW	7	fc	−	3
Nottingham ...	29.47r	− ·08	44	44	+11	49	33	SE	2	3	S	10	m	0.02	*
Ardrossan ...	29.49f	+ ·02	40	38	−5	50	37	NE	3	3	S	6	cf	0.03	1
Greencastle ...	29.46f	+ ? ·24	43	40	+5	43	36	ENE	2	2	ENE	10	br	0.02	*
Donaghadee ...	29.38f	− ·06	45	44	+10	50	34	ENE	7	7	ENE	10	cr	0.13	5
Kingstown ...	29.32f	− ·16	45	45	+5	50	39	Z	0	3	E	6	cm	0.24	0
Holyhead ...	29.34f	− ·11	45	44	+4	47	40	E	2	4	E	3	pb	0.08	2
Liverpool (Bidston Obs.)	29.46f	− ·09	45	44	+9	46	36	E	2	4	E	10	of	0.03	1
Valencia ...	29.38r	+ ·01	46	44	0	50	42	NNE	5	6	NNE	8	r	0.29	5
Roche's Point ...	29.23r	− ·15	45	44	−1	? 50	44	NE	4	7	ESE	7	rp	1.52	5
Pembroke ...	29.26f	− ·21	50	48	+6	51	44	SE	5	7	SE	7	oc	0.22	6
Portishead ...	29.35f	− ·16	46	46	+9	51	35	SE	4	5	S	10	m	0.12	3
Scilly	29.10f	− ·35	50	48	0	53	48	S	7	7	ESE	9	or	0.29	6
Plymouth ...	29.28f	− ·23	47	47	+7	53	40	SSE	3	6	SSE	10	r	0.42	*
Portsmouth ...	29.41f	− ·14	52	51	+3	52	46	S	3	4	SW	8	co	0.06	3
Dover	29.53f	− ·08	49	48	+8	52	39	S	4	4	SSW	8	cu	−	4
London ...	29.45f	− ·13	48	48	+16	52	41	SE	2	2	SSE	10	ocd	0.03	*
Oxford... ...	29.43	− ·14	46	46	+13	49	33	SE	1	3	SE	10	of	0.11	*
Cambridge ...	29.48f	− ·10	46	45	+13	48	32	SSE	1	1	SSE	10	o	−	*
Yarmouth ...	29.55f	− ·07	49	48	+9	50	38	SE	4	5	SSE	6	bc	−	3
Helder... ...	29.65	+ ·07	46	*	+1	*	*	SE	3	*	*	*	*	*	2
Cape Gris Nez...	29.49f	− ·13	46	?	+3	53	42	S	3	3	SSW	10	o	−	1
Brest	29.33f	− ·20	52	52	+2	55	48	SW	5	8	S	8	ro	0.55	5
L'Orient ...	29.38f	− ·18	51	49	+2	60	47	WSW	5	7	W	8	ro	0.43	6
Rochefort ...	29.61r	− ·07	55	50	+9	55	44	S	7	5	SE	10	o	0.20	5
Biarritz ...	29.72f	− ·01	50	46	+2	53	45	S	7	5	SW	4	rc	0.32	5
Corunna ...	29.77		55	*		*	*	W	6	*	*	*	or	*	7
Brussels ...	29.62	− ·02	48	*	+1	*	*	E	3	*	*	*	r	*	*
Charleville ...	29.71	+ ·06	45	*	+5	*	*	S	?	*	*	*	or	*	*
Paris	29.63f	− ·06	49	?	+8	52	43	S	5	4	SW	10	o	−	*
Lyons	?		55	*	+3	*	*	S	3	*	*	*	b	*	*
Toulon... ...	29.86f	+ ·11	49	49	0	54	46	E	3	3	NW	8	0	0.43	4

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		C.	Wea.	Sea.
Skudesnaes ...	29.54	48	45	SSE	4	*	c	3
Thurso ...	29.38	49	44	S	1	3	c	1
Scarborough...	29.54	39	39	SW	2	4	c	2
Greencastle ...	29.44	43	42	Z	0	0	b	*
Holyhead ...	29.45	47	46	S	1	6	cq	1

	Bar.	Dry.	Wet.	Wind.		C.	Wea.	Sea.
Valencia ...	29.30	49	46	E	3	8	q	3
Scilly ...	29.24	51	50	ENE	7	9	r	6
London ...	29.56	50	48	SSE	2	10	fo	*
Rochefort ...	29.61	54	50	SSE	5	10	o	3

* Pressure continues to decrease at the SW: stations – especially at Scilly – but has increased elsewhere. The wind has become strong from ENE at Scilly with rain and a rough sea – while a fresh SSE wind prevails at Rochefort. —

EXPLANATION OF COLUMNS.

BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER**: *Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; y. visibility, unusual transparency; w. wet, dew.

* AN ASTERISK is inserted in all places for which no information is received. The "extreme" wind for the Swedish and Norwegian Stations is an observation taken at 8 p.m.

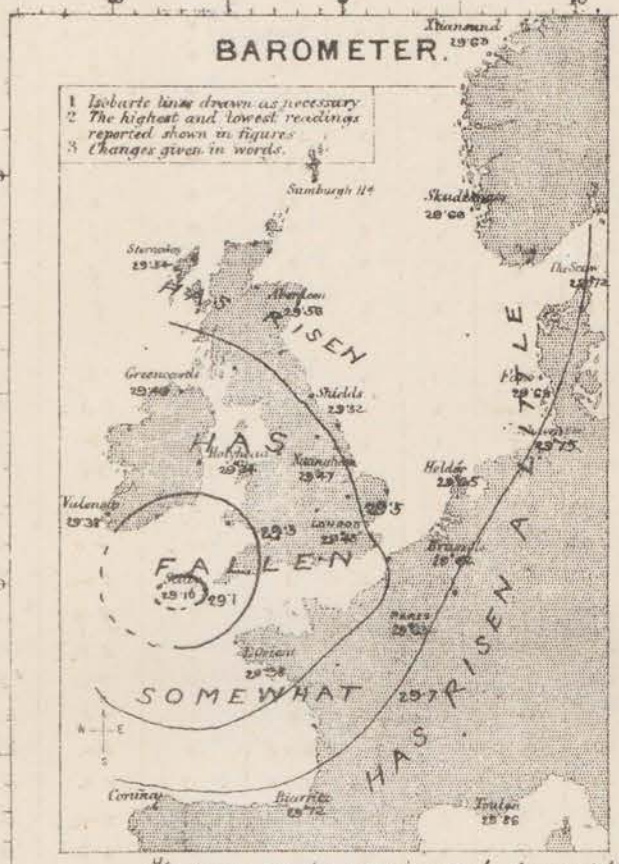
N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS

AND REMARKS FOR

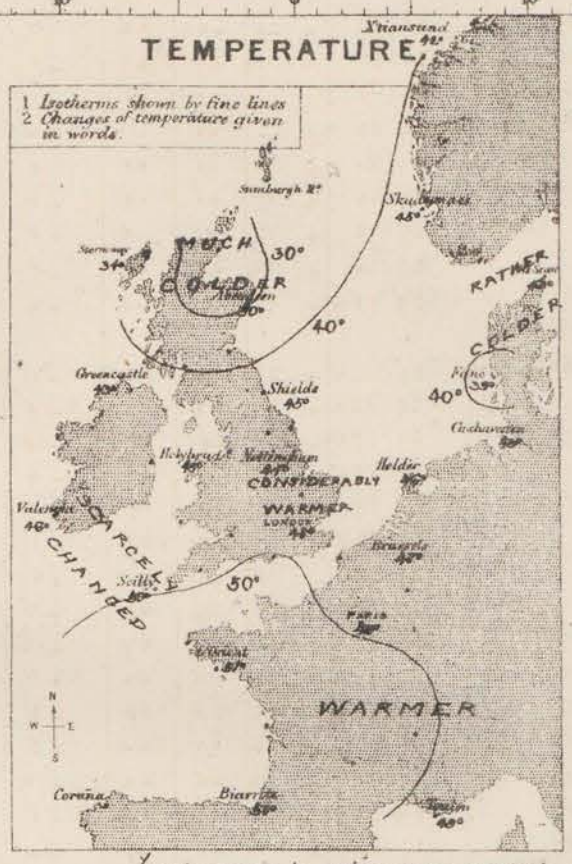
WEDNESDAY 5TH NOVEMBER 1873 AT 8 A.M.

BAROMETER.



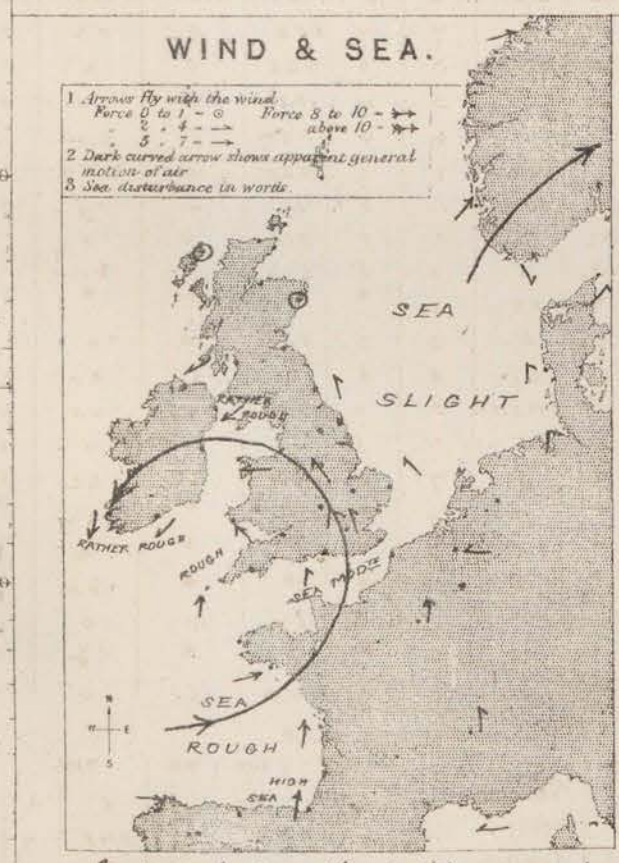
The barometer has continued to fall at the south-western and southern stations, while it has risen elsewhere and a small but well-marked depression has advanced to the mouth of the Channel. The gradient from Corunna to Scilly is 0·08 in. while that from Yarmouth to the same station is 0·07 in per 50 miles.

TEMPERATURE.



Temperature has risen very rapidly in the south - especially in London where the change since yesterday morning amounts to 16°— but has fallen several degrees in the north — 11° at Stornoway.

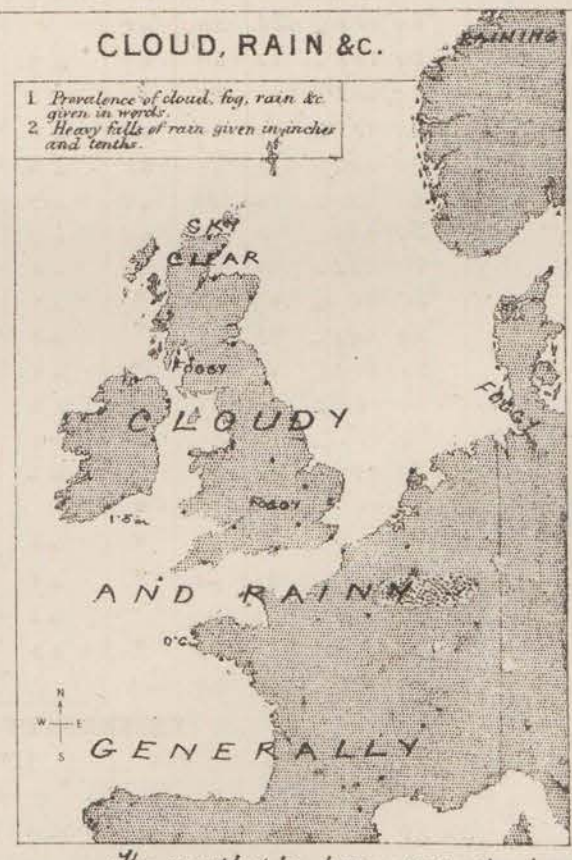
WIND & SEA.



Moderate to strong W^ly and S^ly breezes now prevail in the Bay of Biscay and the entrance of the Channel, light S^ly winds at our other southern stations, drawing into SE over north and east coasts, and NE^ly to N^ly winds in Ireland. In Scotland calms prevail.

The sea is rough in the south-west — high at Corunna.

CLOUD, RAIN &c.



The weather has become very cloudy and rainy except at the far north. At Roches P^t the rainfall has been very heavy during the night.

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116, Victoria Str^t, Westminster, S.W.
ROBERT H. SCOTT, Director.

Vincent Brooks Day & Son, Lith. London W.C.

Thurs-day 8 a.m. **WEATHER REPORT.** Nov 6th 1873.

STATIONS.	BAROMETER At 8 A.M. Reduced to 32° F. at the Mean Sea Level.	BAROMETER Change since yesterday.	THERMOMETERS (in shade) At 8 A.M. Dry bulb.	THERMOMETERS At 8 A.M. Wet bulb.	Change in the dry bulb since yesterday.	In past 24 hours Max.	In past 24 hours Min.	WIND At 8 A.M. Direc.	WIND At 8 A.M. Force. (0 to 12.)	WIND Extreme. Force. (0 to 12.)	WIND Extreme. Direc.	Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Disturbance. 0 to 9.
Haparanda ...	29.76	+ .06	31	31	−9	*	*	N	2	2	S	*	b	*	*
Hernösand ...	29.91	+ .31	31	31	−11	*	*	SN	2	2	N	*	b	*	*
Stockholm ...	29.95	+ .34	39	39	−8	*	*	SSN	2	2	SN	*	f	*	*
Wisby	29.87	+ .12	38	37	−10	*	*	S	2	2	SN	*	oc	*	*
Christiansund ...	29.77	+ .14	43	42	+1	*	*	NSN	4	2	SSN	*	c	*	4
Skudesnaes ...	29.74	+ .08	46	43	+1	*	*	E	6	4	SE	*	bo	*	3
Oxö (Christiansand)	29.75	+ .09	41	40	0	*	*	ENE	?10	6	NNN	*	o	*	?
Skagen (The Skaw)	29.84	+ .12	48	47	+5	*	*	S	6	*	*	*	o	*	*
Fanö	29.73	+ .05	44	44	+5	*	*	SE	6	*	*	*	c	*	*
Cuxhaven ...	29.72f	+ .03	41	41	−2	50	?	SE	4	3	SE	9	cf	–	?
Sumburgh Head															
Stornoway (Hebrides.)	29.75r	+ .21	43	39	+9	45	32	NE	4	4	NE	10	co	0.01	4
Thurso... ...	29.69r	+?.15	44	42	+16	45	28	ENE	4	4	ENE	9	mq	0.08	3
Wick	29.71r	+ .14	45	43	+17	45	26	NE	3	3	NE	10	o	0.30	1
Nairn	29.66r	+ .09	45	44	+17	45	28	E	3	3	E	9	dmo	0.20	3
Aberdeen ...	29.56f	.00	46	45	+16	48	30	N	5	5	N	10	mfo	0.29	3
Leith	29.50f	− .02	47	46	+10	52	36	NE	4	3	E	8	o	0.03	*
Shields... ...	29.50f	− .02	45	44	0	49	45	SE	2	5	ESE	5	cf	0.11	4
York	29.44f	− .06	44	44	0	51	41	NE	1	2	E	10	pr	0.11	*
Scarborough ...	29.45f	− .07	48	48	+1	50	45	E	4	4	SE	10	cr	0.24	3
Nottingl	29.39f	− .08	47	47	+3	52	42	NE	2	3	SE	10	pf	0.35	*
Ardrossan ...	29.54r	+ .05	47	45	+7	48	40	NE	1	3	NE	8	pm	0.19	0
Greencastle ...	29.56r	+ .10	46	45	+3	46	43	NE	4	4	NE	10	rq	0.46	*
Donaghadee ...	29.45r	+ .07	48	47	+3	50	45	NE	7	7	NE	10	o	0.15	5
Kingstown ...	29.42r	+ .10	48	47	+3	51	45	ENE	3	3	ENE	10	mr	0.32	3
Holyhead ...	29.37r	+ .03	46	45	+1	50	44	?ENE	4	2	E	5	rm	0.23	3
Liverpool (Bidston Obs.)	29.45r	− .01	44	43	−1	48	43	ENE	2	3	E	10	of	0.25	1
Valencia ...	29.61r	+ .23	49	46	+3	50	41	N	6	6	N	7	p	0.14	5
Roche's Point ...	29.49r	+ .26	47	45	+2	50	44	NNN	5	5	N	9	op	0.10	4
Pembroke ...	29.38r	+ .12	48	46	−2	52	44	NNN	3	5	ESE	10	cp	0.43	3
Portishead ...	29.33r	− .02	47	47	+1	52	37	NE	3	5	SSE	10	pq	0.73	3
Scilly	29.47r	+ .37	49	47	−1	52	47	NN	6	7	S	6	pc	0.25	6
Plymouth ...	29.40r	+ .12	46	46	−1	53	44	NSN	2	3	SSE	10	rf	1.16	*
Portsmouth ...	29.29f	− .12	48	48	−4	53	46	N	5	4	SN	10	pr	0.24	4
Dover	29.35f	− .18	52	49	+3	53	48	S	5	5	S	7	u	0.25	4
London ...	29.22f	− .23	49	48	+1	53	45	S	3	2	SSE	7	rtc	0.44	*
Oxford... ...	29.26	− .17	47	46	+1	52	42	S	1	3	SSE	10	pr	0.25	*
Cambridge ...	29.33f	− .15	47	47	+1	52	43	ESE	2	1	S	10	rto	0.22	*
Yarmouth ...	29.43f	− .12	50	49	+1	52	48	SSE	5	7	SSE	7	rqc	0.10	4
Helder	29.57	− .08	49	*	+3	*	*	SE	3	*	*	*	*	*	2
Cape Gris Nez...	29.44f	− .05	49	47	+2	54	45	SSN	5	5	S	10	ro	0.08	4
Brest	29.58r	+ .25	51	49	−1	55	48	NNN	7	8	N	6	ro	0.12	5
L'Orient ...	29.61r	+ .23	50	48	−1	61	48	NNN	5	7	NSN	6	r	0.12	4
Rochefort ...	29.69f	+ .08	53	49	−2	57	50	N	6	7	SN	10	co	0.35	5
Biarritz ...	29.89s	+ .17	54	50	+4	55	50	N	7	8	SN	9	r	0.16	6
Corunna ...				*		*	*			*	*	*		*	
Brussels ...	29.56	− .06	50	*	+2	*	*	SSE	4	*	*	*	c	*	*
Charleville ...	29.66	− .05	47	*	+2	*	*	S	7	*	*	*	o	*	*
Paris	29.61r	− .02	47	?	−2	56	47	SSN	5	7	S	6	c	0.04	*
Lyons	?		54	*	−1	*	*	S	1	*	*	*	o	*	*
Toulon... ...	29.74f	− .12	48	46	−1	58	46	NN	5	4	E	7	c	0.24	5

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		C.	Wea	Sea.
Skudesnaes ...	29.73	45	43	S	4	*	c	3
Thurso ...	29.58	41	38	Z	0	6	m	1
Scarborough...	29.48	49	47	SE	4	6	c	4
Greencastle ...	29.46	44	43	NE	1	10	r	*
Holyhead ...	29.34	49	48	E	2	6	m	2

	Bar	Dry.	Wet.	Wind		C.	Wea	Sea.
Valencia ...	29.43	49	45	N	5	6	c	4
Scilly ...	29.07	52	50	ENE	2	7	p	6
London ...	29.41	51	50	SE	2	10	osr	*
Rochefort ...	29.58	56	51	SN	7	5	c	5

Pressure continues to decrease slowly in the S. and the change has now extended to our NE coast, while at Thurso & Valencia the mercury has risen slightly. The wind has shifted to ENE at Scilly and fallen light, while that at Rochefort has veered to SN.

EXPLANATION OF COLUMNS.

BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER:** *Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. wet, dew.

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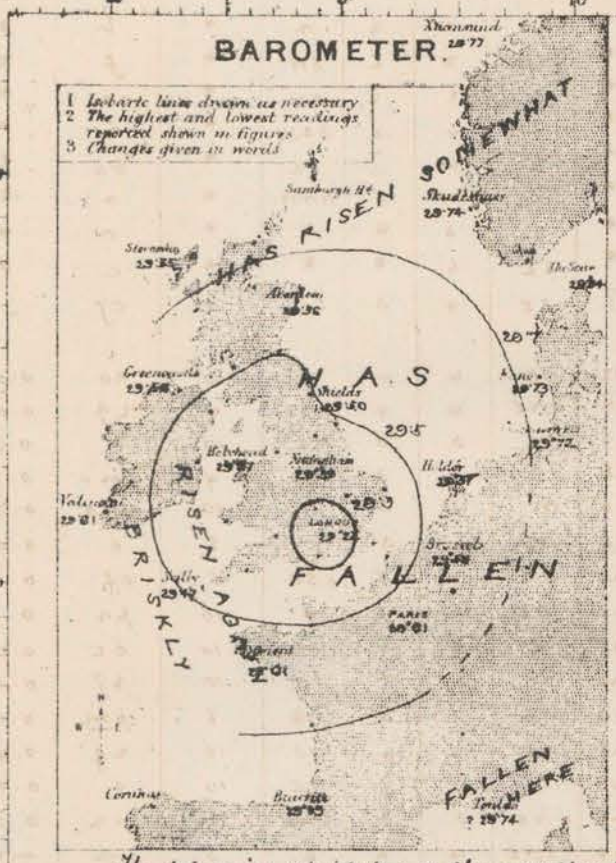
WEATHER CHARTS

AND REMARKS FOR

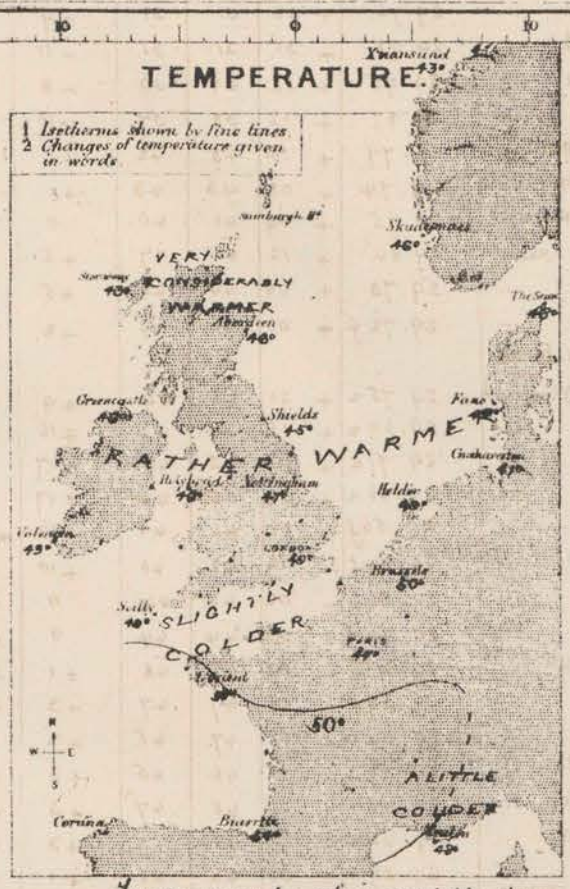
THURSDAY 6TH NOVEMBER 1873 AT 8 A.M.

BAROMETER.



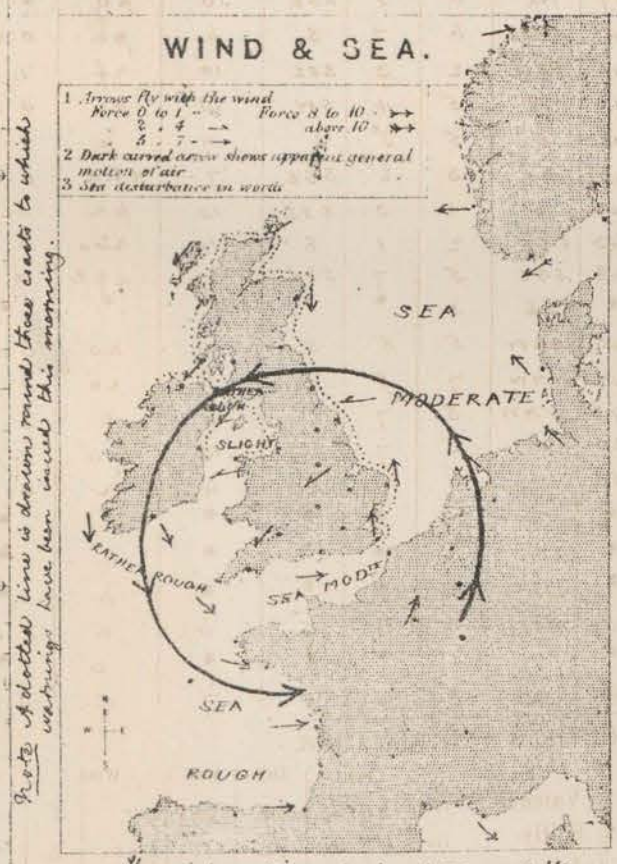
The depression which lay at the mouth of the Channel yesterday has advanced E^wd and now lies over the neighbourhood of London, so that while the barometer has fallen at the eastern and south-eastern stations it has risen in the south, west, west and north-most in the south west. The gradient from Brest to London is 0·07in. per 30 miles.

TEMPERATURE.



Temperature has risen rapidly in Scotland, slightly in Ireland, Denmark and at the south-eastern stations.

WIND & SEA.



Note. A dotted line is drawn round those coasts to which warnings have been issued this morning.

The wind continues to circulate round the depression noted above; being W^ly in the Bay of Biscay, S^ly on the south coast coasts, E^ly in Norway and NE^ly or N^ly in Scotland and Ireland. In fore it is generally moderate but blows strongly at Donaghadee and in the west of France, while at Dx^o a strong gale is reported.

The sea is rough at several of the western stations.

CLOUD, RAIN &c.

Rain has fallen everywhere — very heavily at Plymouth and Portishead. The sky is still overcast.

Warnings issued to our north, north-west and east coasts this morning.

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Meteorological Office
116, Victoria Str^t, Westminster S.W.
ROBERT H. SCOTT, Director.

Vincent Brooks Day & Son Lith. London W^C.

Fri-day 8 a.m. **WEATHER REPORT.** Nov 7th 1873.

STATIONS.	BAROMETER. At 8 A.M. — Reduced to 32° F. at the Mean Sea Level.	BAROMETER. Change since yesterday.	THERMOMETERS. (In shade). At 8 A.M. Dry bulb.	THERMOMETERS. At 8 A.M. Wet bulb.	THERMOMETERS. Change in the dry bulb since yesterday.	THERMOMETERS. In past 24 hours. Max.	THERMOMETERS. In past 24 hours. Min.	WIND. At 8 A.M. Direc.	WIND. At 8 A.M. Force. — (0 to 12.)	WIND. Extreme. Force. — (0 to 12.)	WIND. Extreme. Direc.	Amount of Cloud 0 to 10.	Weather. — By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Disturbance. 0 to 9.
Haparanda ...	29.88	+ .12	36	35	+5	*	*	SW	2	2	SE	*	b	*	*
Hernösand ...	29.89	− .02	27	?	−4	*	*	?	6	2	S	*	b	*	*
Stockholm ...	29.70	− .15	40	39	+1	*	*	NE	4	4	E	*	o	*	*
Wisby	29.63	− .24	47	47	+9	*	*	E	6	6	SE	*	ok	*	*
Christiansund ...	29.90	+ .13	38	37	−5	*	*	Z	0	6	SW	*	o	*	4
Skudesnaes ...	29.80	+ .06	45	42	−1	*	*	NNW	4	4	ENE	*	oe	*	4
Oxö (X'tiansand)	29.79	+ .04	42	40	+1	*	*	NNE	4	6	NE	*	ro	*	2
Skagen (The Skaw)	29.73	− .11	45	44	−3	*	*	NE	6	*	*	*	r	*	*
Fanö	29.69	− .04	44	44	0	*	*	? N	2	*	*	*	o	*	*
Cuxhaven ...	29.70 r	− .02	42	42	+1	?	38	SW	3	3	SE	4	fe	–	?
Sumburgh Head															
Stornoway (Hebrides.)	30.05 r	+ .30	37	36	−6	44	36	NE	6	6	NE	7	ofh	0.06	6
Thurso... ...	29.93 r	+ .24	44	41	0	45	43	NNE	5	6	NNE	9	ofg	0.01	4
Wick	29.98 r	+ .27	43	41	−2	45	40	NE	4	5	NE	10	o	0.19	3
Nairn	29.93 r	+ .27	43	42	−2	46	42	NE	7	9	E	10	r	0.59	6
Aberdeen ...	29.76 r	+ .20	46	46	0	48	42	N	8	8	N	10	r	2.30	6
Leith ...	29.72 r	+ .22	44	43	−3	49	42	N	4	4	NE	9	r	0.39	*
Shields... ...	29.61 r	+ .11	49	47	+4	49	45	E	5	5	SE	8	fo	0.29	5
York	29.55 r	+ .11	47	46	+3	52	43	NE	1	1	NE	10	rg	0.82	*
Scarborough ...	29.60 r	+ .15	47	46	−1	50	47	ESE	3	4	E	10	ro	0.35	4
Nottingham ...	29.49 r	+ .10	46	45	−1	49	45	SSE	2	4	NN	10	rg	0.75	*
Ardrossan ...	29.77 r	+ .23	43	40	−4	49	42	NE	3	5	NE	8	o	0.19	1
Greencastle ...	29.86 r	+ .30	44	41	−2	46	43	NNE	7	7	NNE	10	g	0.09	*
Donaghadee ...	29.74 r	+ .29	44	43	−4	49	44	N	8	8	N	10	o	0.39	6
Kingstown ...	29.73 r	+ .31	44	42	−4	52	43	? NNW	6	6	NNW	9	g	0.08	4
Holyhead ...	29.61 r	+ .24	47	46	+1	51	45	N	7	8	NNW	7	pm	0.01	5
Liverpool (Bidston Obs.)	29.59 r	+ .14	45	44	+1	49	44	N	3	4	NW	9	o	0.21	2
Valencia ...	29.96 r	+ .35	46	43	−3	51	42	NNE	5	5	E	4	pe	0.09	5
Roche's Point ...	29.80 r	+ .31	44	41	−3	50	42	N	6	6	N	6	oc	0.02	4
Pembroke ...	29.64 r	+ .26	48	46	0	50	45	NNW	6	6	NNW	10	qlp	0.40	3
Portishead ...	29.52 r	+ .19	47	47	0	54	43	NSW	2	3	NE	9	qw	0.07	1
Scilly	29.72 r	+ .25	49	46	0	51	47	N	6	7	W	8	q	0.13	6
Plymouth ...	29.63 r	+ .23	46	46	0	51	41	W	2	5	NSW	10	gf	0.20	*
Portsmouth ...	29.58 r	+ .29	47	47	−1	50	43	W	1	5	NW	6	oc	0.02	1
Dover	29.59 r	+ .24	47	45	−5	53	44	SW	4	6	SSW	5	cqw	0.35	4
London ...	29.56 r	+ .34	43	43	−6	52	39	SW	1	4	WSW	9	rco	0.18	*
Oxford... ...	29.54	+ .28	44	43	−3	50	42	SW	1	3	W	9	o	0.49	*
Cambridge ...	29.55 r	+ .22	42	42	−5	51	41	S	1	3	? SW	9	ro	0.16	*
Yarmouth ...	29.58 r	+ .15	43	43	−7	51	41	Z	0	8	SSE	10	cf	0.02	3
Helder	29.67	+ .10	42	*	−7	*	*	S	4	*	*	*	*	*	2
Cape Gris Nez...	29.61 r	+ .17	48	46	−1	50	44	SW	7	8	SW	10	ro	1.45	6
Brest	29.76 r	+ .18	51	49	0	53	47	NW	4	7	WNW	8	o	0.04	4
L'Orient ...	29.73 s	+ .12	50	48	0	59	47	WNW	5	7	NW	7	r	0.12	4
Rochefort ...	29.81 f	+ .12	50	48	−3	55	47	S	5	7	WNW	10	or	0.35	5
Biarritz ...	29.93 f	+ .04	51	49	−3	57	46	S	5	7	W	5	rc	0.08	5
Corunna ...				*		*	*			*	*	*		*	
Brussels ...	29.73	+ .17	46	*	−4	*	*	WSW	3	*	*	*	c	*	*
Charleville ...	? 29.86	+ .20	42	*	−5	*	*	SW	? 9	*	*	*	o	*	*
Paris	29.82 r	+ .21	41	?	−6	55	40	S	4	7	W	4	c	–	*
Lyons	?		47	*	−7	*	*	WSW	1	*	*	*	c	*	*
Toulon... ...	30.03 r	+ .29	46	42	−2	57	45	E	4	5	NW	1	cb	–	3

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		C.	Wea.	Sea.
Skudesnaes ...	29.74	48	45	ESE	4	*	d	?
Thurso ...	29.75	45	42	NE	5	8	o	4
Scarborough...	29.41	49	49	E	4	8	o	4
Greencastle ...	29.62	46	45	NNE	4	10	g	*
Holyhead ...	29.42	49	48	NNW	2	4	m	2
Valencia ...	29.64	50	47	N	4	8	p	4
Scilly ...	29.59	51	48	NNW	6	7	q	*
London ...	29.36	50	49	N	2	10	ro	5
Rochefort ...	29.78	55	50	NNW	5	?	o	

The depression appears to be moving slowly to the NE^ward and the barometer is rising briskly in London, where the wind has veered W^ly. A moderate SSE gale has set in at Yarmouth.—

EXPLANATION OF COLUMNS.

BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER:** *Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. wet, dew. * AN ASTERISK is inserted in all places for which no information is received. The "extreme" wind for the Swedish and Norwegian Stations is an observation taken at 8 p.m.

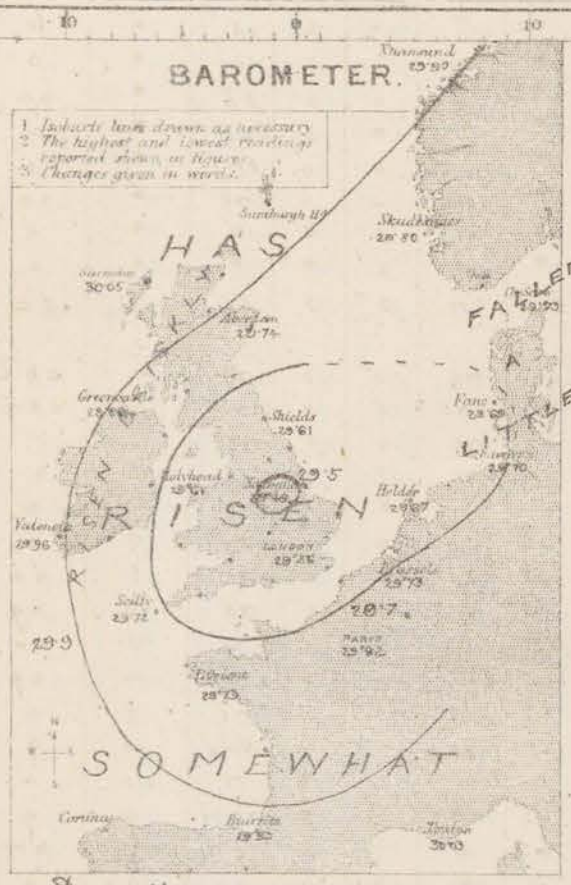
N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS

AND REMARKS FOR

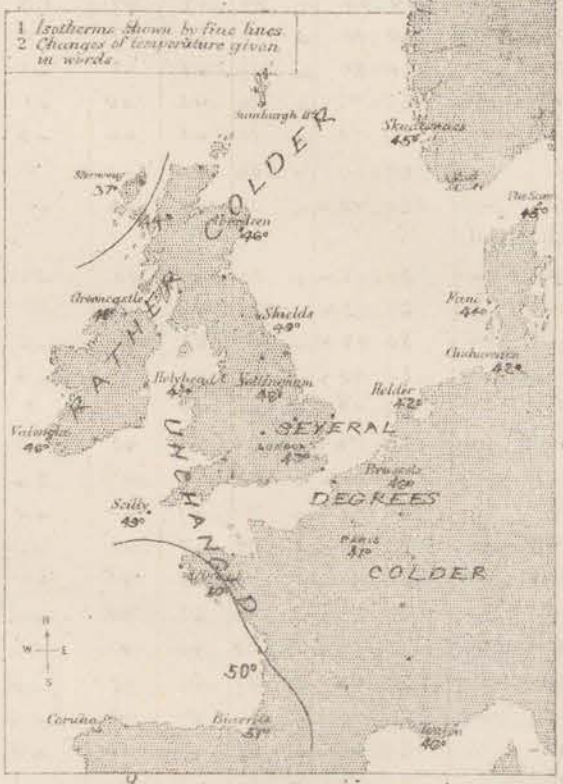
FRIDAY 7TH NOVEMBER 1873 AT 8 A.M.

BAROMETER.



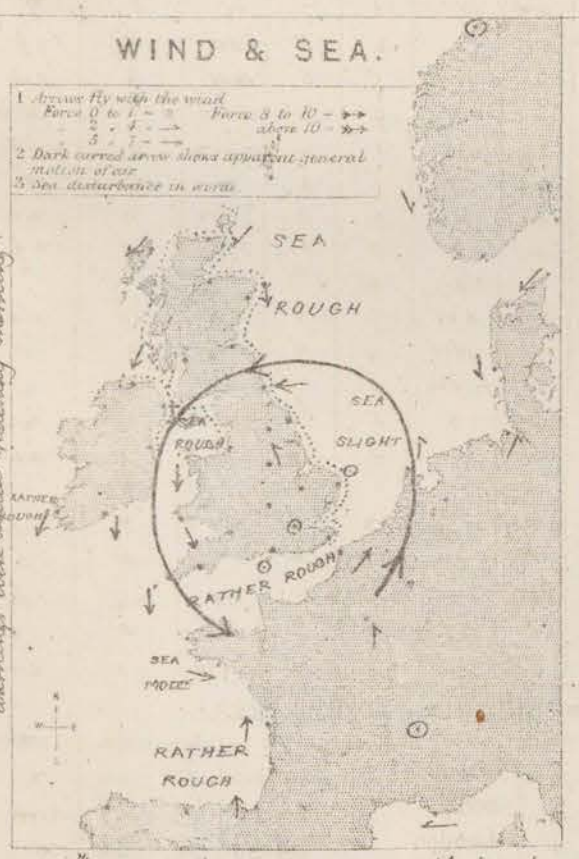
During the past twenty four hours the barometer has risen at all but the Danish stations, where a slight fall has taken place. The rise has been greatest in Ireland and Scotland. The lowest pressure now lies near Nottingham, and the gradient from Wick to Shields is 0·09in, while that from Valencia to Pembroke is 0·08in per 50 miles.

TEMPERATURE.



Temperature has fallen a few degrees except in Wales, the south west of England, and the north-west of France, where no change is reported.

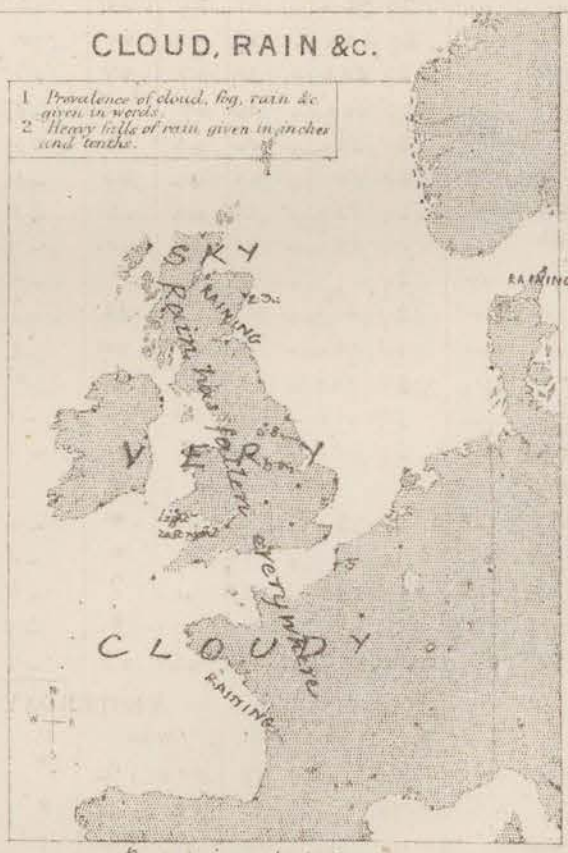
WIND & SEA.



The wind still circulates round the low pressure, but the NE and N winds at our more northern stations have increased to a moderate or fresh gale, while the W winds in the south continue moderate.

The sea is rough in the north-east, north and west, rather so in the Channel and Bay of Biscay.

CLOUD, RAIN &c.



Rain has again fallen everywhere — very heavily at Aberdeen and Cape Bris Nez — and continues in the east of Scotland. The sky is overcast or very cloudy generally.

Our eastern, northern and north-western coasts were warned yesterday. Drums lowered in the south-east this morning.

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" " " post 3/ per quarter.

Meteorological Office
116, Victoria, Strt. Westminster S.W.
ROBERT H. SCOTT, Director.

Vincent Brooks Day & Son Lith. London W.C.

Saturday 8 a.m. **WEATHER REPORT.** Nov 8th 1873.

STATIONS.	BAROMETER. At 8 A.M. Reduced to 32° F. at the Mean Sea Level.	BAROMETER. Change since yesterday.	THERMOMETERS. (In shade). At 8 A.M. Dry bulb.	THERMOMETERS. At 8 A.M. Wet bulb.	THERMOMETERS. Change in the dry bulb since yesterday.	THERMOMETERS. In past 24 hours. Max.	THERMOMETERS. In past 24 hours. Min.	WIND. At 8 A.M. Direc.	WIND. At 8 A.M. Force. (0 to 12.)	WIND. Extreme. Force. (0 to 12.)	WIND. Extreme. Direc.	Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Disturbance. 0 to 9.
Haparanda ...	30.05	+.17	?23	22	−13	*	*	N	4	2	NE	*	b	*	*
Hernösand ...	29.92	+.03	28	28	+1	*	*	N	2	2	N	*	o	*	*
Stockholm ...	29.70	.00	37	36	−3	*	*	N	8	8	NNE	*	o	*	*
Wisby	29.49	−.14	44	43	−3	*	*	NE	8	2	E	*	r	*	*
Christiansund ...	30.26	+.36	39	38	+1	*	*	L	o	2	NNE	*	c	*	4
Skudesnaes ...	30.05	+.25	43	39	−2	*	*	ENE	4	6	N	*	bo	*	3
Oxö (X'tiansand)	30.01	+.22	42	37	0	*	*	NE	4	2	NE	*	co	*	3
Skagen (The Skaw)						*	*			*	*	*		*	*
Fanö	29.91	+.22	43	43	−1	*	*	N	2	*	*	*	r	*	*
Cuxhaven ...	29.91r	+.21	46	46	+4	50	?	NNW	3	3	W	6	oc	0.10	?
Sumburgh Head															
Stornoway (Hebrides)	30.32r	+.27	37	35	0	41	33	NE	3	6	NE	2	c	0.01	6
Thurso... ...	30.28r	+.30	44	41	0	45	39	NNE	5	6	NNE	6	oc	0.03	4
Wick	30.26r	+.28	42	40	−1	43	35	?NE	3	5	NE	6	c	0.02	1
Nairn	30.28r	+.32	40	38	−3	43	37	NE	2	7	NE	8	ro	0.31	6
Aberdeen ...	30.17r	+.41	39	38	−7	47	37	N	2	8	N	6	qp	0.31	4
Leith	30.22r	+.50	40	38	−4	49	38	NE	3	5	N	3	rb	0.47	*
Shields... ...	30.13r	+.52	45	39	−4	50	43	NE	6	8	NE	5	oc	0.04	5
York	30.08r	+.53	43	40	−4	51	42	N	2	2	N	9	o	0.12	*
Scarborough ...	30.03r	+.48	44	41	−3	50	44	NE	5	4	ENE	8	o	0.20	5
Nottingham ...	30.02r	+.53	43	42	−3	48	41	NE	4	4	NE	10	qu	0.10	*
Ardrossan ...	30.24r	+.47	38	35	−5	48	36	NNW	2	5	NE	1	ob	–	1
Greencastle ...	30.26r	+.40	42	40	−2	45	41	NE	2	7	NNE	9	qo	0.01	*
Donaghadee ...	30.19r	+.45	41	39	−3	49	41	ENE	7	8	NNE	3	ob	0.02	6
Kingstown ...	30.06r	+.33	45	43	+1	51	44	NE	6	7	NNW	9	qd	–	5
Holyhead ...	30.07r	+.46	45	44	−2	51	44	ENE	5	7	N	6	pq	0.11	3
Liverpool (Bidston Obs.)	30.14r	+.55	42	39	−3	49	41	?NE	2	4	NNE	8	om	0.03	2
Valencia ...	30.15r	+.19	46	42	−1	50	43	NNE	5	6	NNE	5	p	0.08	5
Roche's Point ...	30.07r	+.27	44	42	0	47	42	NE	4	6	N	3	ob	–	3
Pembroke ...	29.97r	+.33	47	43	−1	49	45	NNE	5	6	N	4	qc	0.23	3
Portishead ...	29.90r	+.38	48	47	+1	50	45	ENE	6	6	ENE	9	qu	0.05	4
Scilly	29.89r	+.17	49	47	0	51	46	NE	5	6	N	6	oc	0.10	5
Plymouth ...	29.86r	+.23	47	46	+1	52	44	NE	4	5	NE	10	po	0.07	*
Portsmouth ...	29.89r	+.31	45	45	−2	52	44	NE	2	2	W	10	mr	0.28	1
Dover	29.90r	+.31	49	48	+2	57	45	S	4	4	SW	5	cqp	1.10	4
London ...	29.91r	+.35	44	43	+1	50	41	ENE	2	2	SW	10	crf	0.17	*
Oxford... ...	29.94	+.40	46	45	+2	48	44	?NE	1	2	SW	10	mo	0.07	*
Cambridge ...	29.95r	+.40	44	44	+2	50	38	NE	1	1	E	7	cq	0.01	*
Yarmouth ...	29.95r	+.37	48	47	+5	49	41	ENE	3	5	ENE	5	fqc	0.07	3
Helder	29.97	+.30	46	*	+4	*	*	ENE	2	*	*	*	*	*	7
Cape Gris Nez...	29.88r	+.27	44	44	−4	50	44	E	1	7	SW	8	o	0.35	2
Brest	29.85f	+.09	47	45	−4	55	44	NE	1	5	NNW	10	o	0.04	3
L'Orient ...	29.82f	+.09	44	44	−6	57	42	E	1	4	NNW	10	rf	0.16	3
Rochefort ...	29.84f	+.03	51	47	+1	56	46	ESE	1	5	S	10	or	0.35	3
Biarritz ...	29.75f	−.18	50	46	−1	61	47	E	4	5	SW	6	om	–	3
Corunna ...				*		*	*			*	*	*		*	
Brussels ...	29.98	+.25	48	*	+2	*	*	S	3	*	*	*	c	*	*
Charleville ...	30.02	+?.16	44	*	+2	*	*	SE	6	*	*	*	o	*	*
Paris	29.95r	+.13	42	?	+1	50	41	SSE	4	5	SSW	10	cm	–	*
Lyons	?		55	*	+8	*	*	SE	2	*	*	*	c	*	*
Toulon... ...	30.02f	−.01	53	51	+7	59	46	E	4	4	W	9	br	0.12	4

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		C.	Wea.	Sea.
Skudesnaes ...	29.84	45	42	NNW	6	*	c	3
Thurso ...	30.09	42	38	NNE	4	8	o	4
Scarborough...	29.70	50	49	ENE	4	8	o	4
Greencastle ...	29.96	45	43	NNE	6	10	d	*
Holyhead ...	29.71	50	49	N	7	7	mq	5
Valencia ...	29.98	45	43	NNE	4	6	p	4
Scilly ...	29.79	48	46	NNW	6	9	po	5
London ...	29.64	50	48	SW	1	9	ro	*
Rochefort ...	29.85	55	51	W	3	10	o	4

The barometer continues to rise everywhere — most in the N. The wind has veered to west at Rochefort but is almost unchanged elsewhere. Sea is still rather rough in the N. —

EXPLANATION OF COLUMNS.

BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER**: *Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. wet. dew.

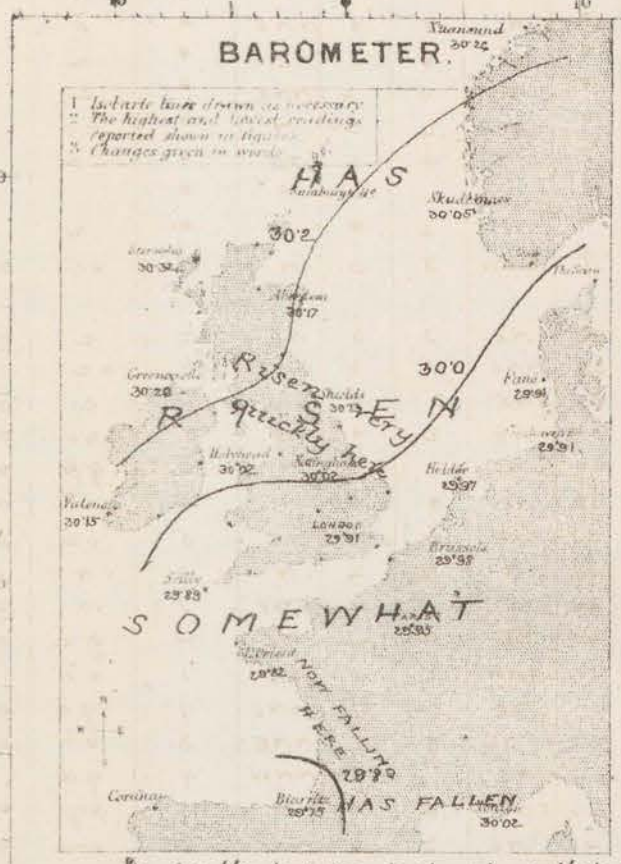
* AN ASTERISK is inserted in all places for which no information is received. The "extreme" wind for the Swedish and Norwegian Stations is an observation taken at 8 p.m.

N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS

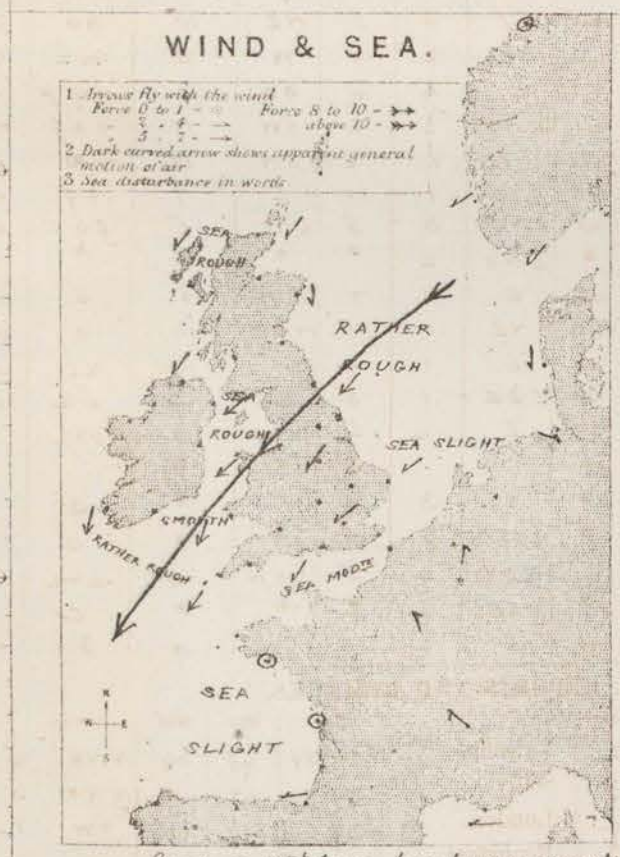
AND REMARKS FOR

SATURDAY 8TH NOVEMBER 1873 AT 8 A.M.



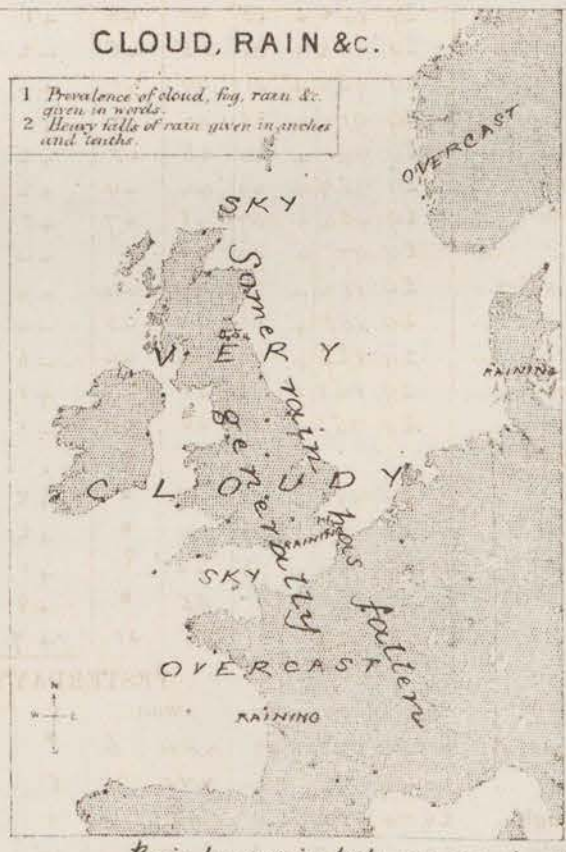
During the past twenty-four hours the barometer has risen at all stations — most in the north of England, where the change has amounted to more than half an inch — and readings are now highest at the northern stations but lowest in the Channel and Bay of Biscay. The gradient from Greencastle to Plymouth is 0·07in. per 50 miles.

Temperature has again fallen in the northern parts of England and Ireland, as well as in the north-west of France, but risen a little at the south-eastern stations.



Moderate NE^ly breezes have become general throughout our Islands and Norway, with light E^ly winds in the west of France; but in Belgium and on the neighbouring coasts a S^ly wind is blowing.

The sea continues rough in the north, rather so in the south-west, but is slight off the west coast of France.



Rain has again fallen at nearly all stations, most in Scotland. The sky is very cloudy, especially in the south.

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Meteorological Office
116, Victoria Str^t. Westminster S.W.
ROBERT H. SCOTT, Director.

Nacent Bros. Day & Son Lith. London W^C

SUMMARY OF WEATHER IN WESTERN EUROPE

from November 2nd to November 8th 1873.

(Issued Weekly as a Supplement to the "Daily Weather Report.")

We have again to report a week of unsettled weather. The deep depression noticed at the close of last week's summary passed rapidly away, or became dispersed; and until the 4th we were under the influence of several extremely shallow disturbances, causing variable breezes, chiefly from the S.W., with cloudy and showery weather. A well marked depression then advanced to the mouth of the Channel travelling thence to the neighbourhood of London by the morning of the 6th, and finally breaking up over central England during the 7th. This disturbance gave us fresh E.ly gales (locally very severe) on our NW., N., and E. coasts, with exceedingly heavy rain in North Britain. No sooner had it disappeared and readings become more regular in our Islands, than a fresh centre of disturbance appeared over the Bay of Biscay, and at the close of the week was moving towards the N. coast of France, while its influence extended over the S.ern parts of our Islands. In consequence of this the E.ly wind again began to increase quickly, and the signs of very unsettled weather reappeared. —

Nov 2nd The remarkable depression which showed itself on the morning of the 1st had disappeared from our neighbourhood, having moved away in a N.ly direction. Pressure varied from 29.75in. in the S. of France to 28.85in. at Stornoway, and a shallow disturbance had advanced to the mouth of St George's Channel. In the S. & SW. of France the barometer was falling. Rather fresh SW.ly winds were blowing in the Bay of Biscay and SE. of England, drawing into S. over the North Sea, and SSE. in the N. of Norway, while light SSW. breezes were reported from Scotland. In the S. of Ireland the shallow depression caused light N.ly winds locally. Temperature fell almost everywhere. The sky became clearer in Scotland and the S. of Ireland but remained cloudy elsewhere, and showers of rain or hail fell during the day.

Nov 3rd Pressure had again increased, except in the S. of France, chiefly in the N. of our Islands. Readings were still lowest off the NW. of Scotland; but considerable irregularity was noticeable in the W.ern parts of England and France — apparently owing to the existence of some very shallow depressions over those regions. The wind was still light generally — N.ly in the S. of Ireland & NW.ly at Corunna, but very variable from the S.ward in G.t Britain and France, while in Norway and Denmark it was fresh from E. Temperature changed irregularly — falling in most places but rising in central and eastern England. The sky became much clearer generally. In the afternoon a thunderstorm occurred at Nottingham, and a heavy one was reported at Biarritz

Nov 4th A further rise of the barometer had taken place except in Ireland and Norway, and pressure became much more regularly distributed, though it was still falling on our SW. coasts. Moderate SE.ly breezes were felt at the SW.ern stations, a rather strong S.ly breeze at Stornoway, and moderate S.ly in the S. of Norway. Elsewhere the wind varied very much. Temperature rose in the SW. but fell elsewhere — especially in the E. and SE of England — where fog prevailed. The sky became very cloudy on our SW. and S. coasts; and during the day a brisk fall of the mercury took place in the SW. Rain fell except in the N & NE — very heavily at Rocket Point. —

Nov 5th A well defined depression had advanced to the entrance of the English and St George's

Channels, causing the barometer at Scilly to fall nearly 0·4 in. while in the N & E. of Gt Britain as well as on the Eⁿ shores of the North Sea the mercury rose. The wind freshened from S. or SW. in the W. of France, from SE in England and from NE. to N. in Ireland, while calms prevailed in Scotland, and the SWˢ winds of another circulation were felt in Norway. Temperature rose considerably in France and the SE of England. The sky was very cloudy except in Scotland, foggy in Sweden and Denmark, and rain was falling in the S. By two pm. the depression had advanced a little up the English Channel, – the wind at Scilly shifting to E. and falling light meanwhile, while that at Rochefort became strong from SW.

Nov 6th The centre of the disturbance was now found a little to the Wˢ of London, but its sides were less steep than on the previous morning. Around this centre the wind continued to circulate so that while SEˢ to Eˢ winds were felt over the North Sea, blowing strongly in some places during the morning, moderate NEˢ winds prevailed in Scotland and the N. of Ireland, fresh N. to NWˢ in the SW. and strong Wˢ breezes in the Bay of Biscay. Temperature fell in the Channel and France but rose fast in Scotland, and slightly in Ireland, while the weather had become overcast and rainy generally. During the day the barometer rose at all stations but as the change was greatest in the W. and N. the gradients for Polar winds in Scotland and Ireland became steeper and the wind increased.

Nov 7th. The region of lowest pressure (which was more extensive than on the 6th) still lay over England, the lowest reading reported being that at Nottingham. Strong NEˢ and Nˢ winds (which had reached the force of a strong gale in the E. of Scotland during the night) were blowing on our N. and NW. coasts, with fresh Nˢ breezes in the W., while Wˢ winds prevailed in the Channel and SWˢ at the SEˢ stations. Temperature fell on all but our SW. coasts and showery weather continued. In the N. of Gt Britain the rain was exceedingly heavy, and caused some serious floods. Lightning had been seen at Pembroke on the previous evening. During the day the NE gale extended down our NE coast to Shields, and the sea ran high.

Nov 8th. The depression noticed during the last few days had entirely disappeared. Pressure had increased fast throughout the NW. of Europe but began to fall in the SW. of France. Readings at 8 am. were highest in the NW. of our Islands and the W. of Norway, lowest over the Bay of Biscay and N. of France. Moderate NEˢ breezes were consequently general except in the neighbourhood of Belgium where a Sˢ wind showed itself on the Eⁿ side of the lowest pressure. Temperature again fell in the NE, but rose slightly in the SE. The sky began to clear a little at our more Nⁿ stations, but remained very cloudy, with showers, in the S. As the day passed a well defined depression travelled over the Sˢ parts of the Bay of Biscay towards the French coast, and the wind began to increase from Eⁿᵉ over the North Sea. —

Meteorological Office
116, Victoria Stᵗ Westminster S.W.
ROBERT H. SCOTT, Director.

Sun-day 8 a.m. **WEATHER REPORT.** Nov 9th 1873.

STATIONS.	BAROMETER. At 8 A.M. Reduced to 32° F. at the Mean Sea Level.	BAROMETER. Change since yesterday.	THERMOMETERS. (In shade). At 8 A.M. Dry bulb.	THERMOMETERS. At 8 A.M. Wet bulb.	THERMOMETERS. Change in the dry bulb since yesterday.	THERMOMETERS. In past 24 hours. Max.	THERMOMETERS. In past 24 hours. Min.	WIND. At 8 A.M. Direc.	WIND. At 8 A.M. Force. (0 to 12.)	WIND. Extreme. Force. (0 to 12.)	WIND. Extreme. Direc.	Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Disturbance. 0 to 9.
Haparanda ...	30.04	-.01	16	16	-7	*	*	NE	4	8	NE	*	o	*	*
Hernösand ...	30.19	+.27	27	26	-1	*	*	SW	2	4	N	*	b	*	*
Stockholm ...	30.21	+.51	29	29	-8	*	*	N	2	8	N	*	b	*	*
Wisby	30.20	+.41	36	35	-8	*	*	N	8	?	NE	*	c	*	*
Christiansund ...	30.43	+.17	39	38	0	*	*	NSW	6	0	Z	*	br	*	5
Skudesnaes ...	30.46	+.41	43	39	0	*	*	S	6	?	?	*	o	*	3
Oxö (X'tiansand)	30.47	+.46	35	32	-7	*	*	N	2	4	N	*	b	*	2
Skagen (The Skaw)	30.41	+.48	39	35	-2	*	*	NE	2	*	*	*	c	*	*
Fanö	30.37	+.46	33	?	-10	*	*	NNE	2	*	*	*	c	*	*
Cuxhaven ...	30.31r	+.40	38	37	-8	48	?	ENE	4	3	NE	5	oc	0.06	?
Sumburgh Head															
Stornoway (Hebrides)	30.44r	+.12	44	42	+7	44	35	E	2	3	NE	5	c	0.01	5
Thurso... ...	30.47r	+.24	39	37	-5	48	38	E	1	5	NNE	6	c	0.05	2
Wick	30.51r	+.25	45	41	+3	46	41	NE	3	5	NE	3	cz	–	1
Nairn	30.47r	+.19	36	35	-4	45	34	Z	0	5	NE	9	bo	0.15	4
Aberdeen ...	30.44r	+.27	40	34	+1	46	30	Z	0	4	N	7	rbp	0.13	3
Leith	30.42r	+.20	46	43	+6	48	35	SE	3	3	NE	5	prc	0.34	*
Shields... ...	30.34r	+.21	47	43	+2	47	41	E	6	6	NE	6	c	–	5
York	30.27r	+.19	46	43	+3	47	40	ENE	1	2	N	9	o	0.01	*
Scarborough ...	30.33r	+.25	47	43	+3	47	44	E	7	6	ENE	9	o	–	6
Nottingham ...	30.16r	+.14	44	42	+1	48	42	E	5	7	NE	8	rm	0.02	*
Ardrossan ...	30.36r	+.12	42	40	+4	49	38	NE	4	5	NE	5	c	0.03	2
Greencastle ...	30.32r	+.06	46	43	+4	46	41	ENE	5	5	ENE	7	c	0.02	*
Donaghadee ...	30.22r	+.03	48	44	+7	48	41	E	7	7	E	10	bo	–	6
Kingstown ...	30.17s	+.11	48	46	+2	50	45	NE	7	8	NE	9	qo	0.05	5
Holyhead ...	30.13r	+.06	46	45	+1	47	43	ENE	6	7	ENE	4	c	–	4
Liverpool (Bidston Obs.)	30.21r	+.07	45	42	+3	46	41	ENE	4	5	ENE	4	cm	0.01	3
Valencia ...	30.10f	-.05	47	45	+2	50	38	E	4	5	E	7	c	0.01	3
Roche's Point ...	?		45	41	+1	46	40	E	6	6	E	9	op	0.06	4
Pembroke ...	30.00s	+.03	47	45	0	48	41	ENE	5	6	?	9	qm	0.04	3
Portishead ...	29.97r	+.07	48	45	0	49	43	ENE	7	7	ENE	8	qw	–	5
Scilly	29.87f	-.02	48	46	-1	51	47	NE	6	6	NE	9	olr	0.08	7
Plymouth ...	29.84f	-.02	46	46	-1	50	44	E	5	7	E	10	q	0.11	*
Portsmouth ...	29.91f	+.02	46	44	+1	49	43	ENE	8	9	NE	10	orq	0.28	6
Dover	30.02r	+.12	48	46	-1	51	46	E	8	5	E	7	c	–	7
London ...	30.03r	+.12	47	44	+3	50	44	E	5	7	E	9	obq	0.02	*
Oxford... ...	30.04	+.10	46	44	0	49	44	ENE	3	3	ENE	10	mr	0.08	*
Cambridge ...	30.11r	+.16	45	43	+1	50	42	ENE	2	1	NE	6	pc	0.07	*
Yarmouth ...	30.16r	+.21	45	43	-3	49	40	E	9	9	E	6	rc	0.46	6
Helder				*		*	*			*	*	*	*	*	
Cape Gris Nez...	29.94f	+.06	43	43	-1	49	42	E	7	4	E	10	o	–	4
Brest	29.69f	-.16	49	49	+2	54	43	N	4	5	ENE	10	bf	0.04	3
L'Orient ...	26.65f	-.17	45	45	+1	57	42	E	1	4	ENE	10	r	0.12	2
Rochefort ...	29.58f	-.26	53	51	+2	54	46	WNW	7	5	E	10	ro	0.83	5
Biarritz ...	29.84r	+.09	53	49	+3	55	52	SW	5	5	S	8	co	–	5
Corunna ...	29.96	+.08	50	*	0	*	*	N	6	*	*	*	cr	*	4
Brussels ...	30.07	+.09	43	*	-5	*	*	ENE	4	*	*	*	c	*	*
Charleville ...	30.16	+.14	45	*	+1	*	*	E	3	*	*	*	o	*	*
Paris	29.90r	-.05	49	?	+7	48	46	E	3	7	NW	10	o	0.16	*
Lyons	?		55	*	0	*	*	SE	3	*	*	*	c	*	*
Toulon... ...	29.96r	-.06	57	57	+4	?	50	SW	3	8	E	9	ro	1.06	4

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		C.	Wea.	Sea.
Skudesnaes ...	30.22	43	40	?	2	*	c	2
Thurso ...	30.27	46	41	NNE	4	4	c	4
Scarborough...	30.10	45	41	NE	4	7	c	5
Greencastle ...	30.27	44	41	NNE	4	3	b	*
Holyhead ...	30.10	46	44	NE	4	3	b	3
Valencia ...	30.15	46	40	E	5	3	b	4
Scilly ...	29.89	51	49	NE	6	7	c	5
London ...	29.94	50	48	ENE	2	10	fo	*
Rochefort ...	29.73	53	51	E	5	10	o	3

Pressure has decreased rather briskly in the SW. of France, has remained steady on our SW. coasts while it has risen slightly elsewhere. Moderate NE^{ly} breezes are general, and the sky has become clear in the W, but the sea continues rather rough in the NE. Warnings issued to our E. S. & SW coasts.

EXPLANATION OF COLUMNS.

BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER**: *Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. wet, dew.

* AN ASTERISK is inserted in all places for which no information is received. The "extreme" wind for the Swedish and Norwegian Stations is an observation taken at 8 p.m.

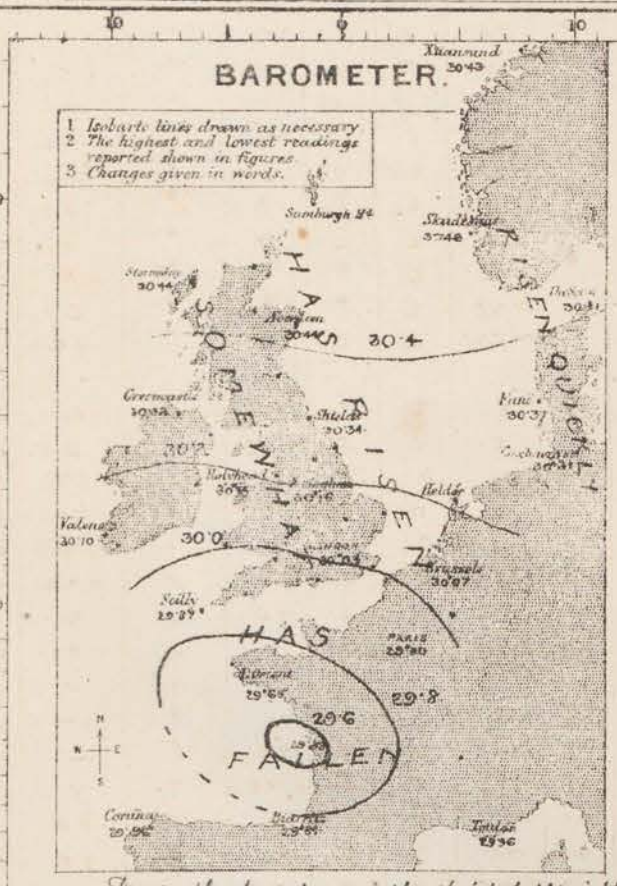
N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS

AND REMARKS FOR

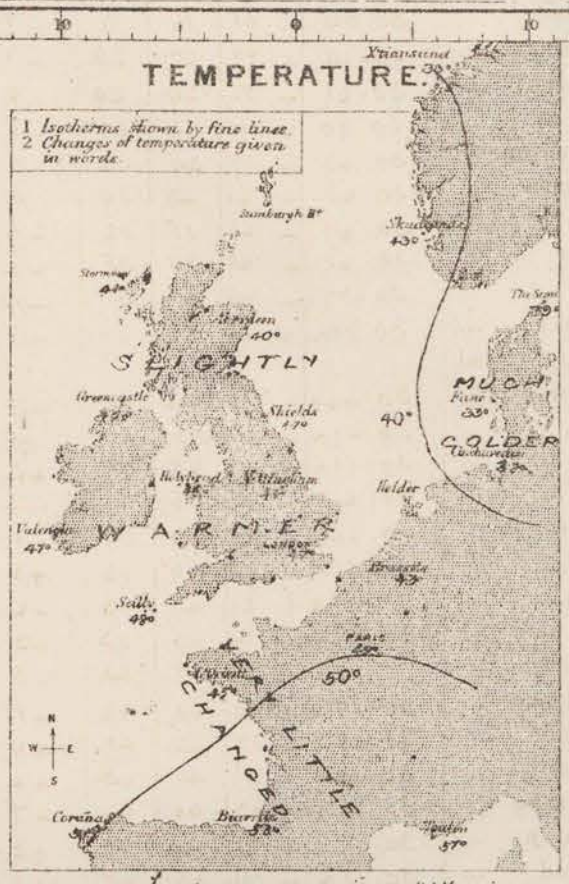
SUNDAY 9TH NOVEMBER 1873 AT 8 A.M.

BAROMETER.



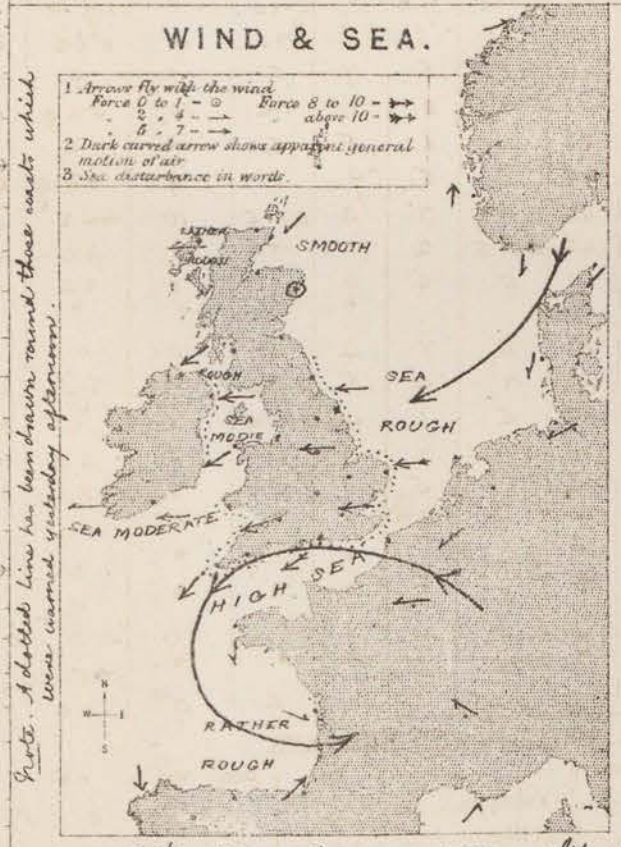
During the past day a rather brisk fall in the barometer occurred over the Bay of Biscay and a small depression made its appearance in that region, which has now advanced to the neighbourhood of Rochefort. A further increase of pressure has, however, occurred at most other stations especially in Norway and Denmark where it has been very brisk. The gradient from Corunna to Rochefort is 0·06 in., while that from Biarritz to the same station is 0·08 in. per 50 miles.

TEMPERATURE.



Temperature has risen a little in our Islands generally, but fallen several degrees in Denmark. In France very little change has occurred.

WIND & SEA.

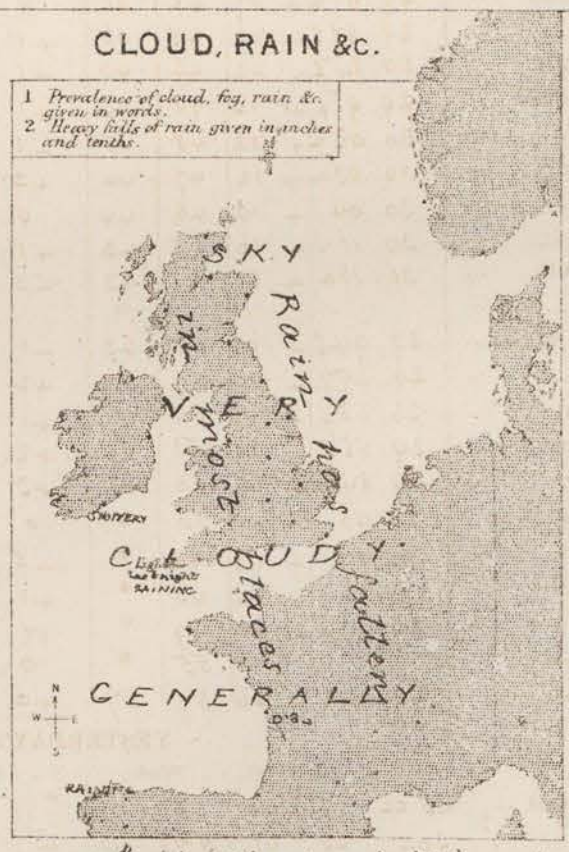


Note. A dotted line has been drawn round those coasts which were warned yesterday afternoon.

NE^ly winds continue general over our Islands. They are light in Scotland, but blow strongly on our east coast and a fresh gale in the Channel, while off the east of Iceland also a fresh NE gale has been blowing. In the south-west of France, however, the wind draws round to W and SW, and is fresh.

The sea is smooth in the north east, but generally rough elsewhere, and high in the English Channel.

CLOUD, RAIN &c.



Rain has fallen at most stations, and lightning has occurred at Scilly. The sky is very cloudy, and the weather unsettled.

Warnings were issued to our eastern, southern and part of our western coasts yesterday afternoon.

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" " " post 5/ per quarter

Meteorological Office
116, Victoria Strt. Westminster S.W.
ROBERT H. SCOTT, Director.

Vincent Brooks Day & Son Ltd. London W.C.

Monday 8 a.m. WEATHER REPORT. Nov 10th 1873.

STATIONS.	BAROMETER. At 8 A.M. Reduced to 32° F. at the Mean Sea Level.	Change since yesterday.	THERMOMETERS. (in shade). At 8 A.M. Dry bulb.	Wet bulb.	Change in the dry bulb since yesterday.	In past 24 hours. Max.	Min.	WIND. At 8 A.M. Direc.	Force. (0 to 12.)	Extreme. Force. (0 to 12.)	Direc.	Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Disturbance. 0 to 9.
Haparanda ...	30.29	+ .25	12	11	−4	*	*	SE	2	2	N	*	o	*	*
Hernösand ...	30.43	+ .24	29	28	+2	*	*	N	2	8	N	*	b	*	*
Stockholm ...	30.28	+ .07	35	33	+6	*	*	N	8	6	N	*	c	*	*
Wisby	30.26	+ .06	38	35	+2	*	*	NNE	8	10	NN	*	r	*	*
Christiansund ...	30.50	+ .07	37	36	−1	*	*	SSE	2	4	NSW	*	rc	*	4
Skudesnaes ...	30.45	− .01	33	32	−10	*	*	NNE	2	4	ENE	*	b	*	2
Oxö (Christiansand)	30.48	+ .01	39	36	+4	*	*	N	4	4	N	*	b	*	2
Skagen (The Skaw)	30.42	+ .01	42	38	+3	*	*	NE	6	*	*	*	b	*	*
Fanö	30.38	+ .01	?49	48	?+16	*	*	N	2	*	*	*	?	*	*
Cuxhaven ...	30.35s	+ .04	36	34	−2	40	?	E	3	4	E	0	cb	–	?
Sumburgh Head															
Stornoway (Hebrides.)	30.44f	.00	41	39	−3	44	32	ESE	1	4	ESE	7	bc	–	5
Thurso... ...	30.46f	− .01	42	40	+3	50	38	ESE	1	2	E	9	co	–	1
Wick	30.49f	− .02	43	41	−2	49	41	NE	2	3	ENE	10	co	–	1
Nairn	30.47f	.10	42	40	+6	43	35	SE	2	2	SE	8	cmo	–	1
Aberdeen ...	30.43r	− .01	45	42	+5	46	40	NE	2	3	NE	9	po	0.03	3
Leith	30.38f	− .04	44	42	−2	52	41	E	3	3	E	5	c	0.03	*
Shields... ...	30.37r	+ .03	45	42	−2	48	44	ESE	6	9	ESE	9	co	0.02	6
York	30.28r	+ .01	45	41	−1	50	43	E	2	4	E	10	co	–	*
Scarborough ...	30.31r	− .02	45	42	−2	47	41	E	6	7	E	9	o	0.07	5
Nottingham ...	30.19r	+ .03	43	43	−1	49	40	E	3	8	NE	10	ur	0.21	*
Ardrossan ...	30.36f	.00	43	39	+1	48	40	E	4	4	NE	5	c	–	2
Greencastle ...	30.29f	− .02	44	40	−2	47	43	ENE	6	6	ENE	9	co	–	*
Donaghadee ...	30.24f	+ .02	45	43	−3	49	43	E	7	7	E	10	co	–	6
Kingstown ...	30.13f	− .04	46	44	−2	50	45	ENE	8	10	ENE	10	cq	0.07	7
Holyhead ...	30.08f	− .05	44	44	−2	47	42	ENE	7	8	ENE	6	cm	–	5
Liverpool (Bidston Obs.)	30.20s	− .01	43	41	−2	48	40	ENE	5	6	ENE	10	co	0.07	3
Valencia ...	30.06f	− .04	45	42	−2	?	41	E	4	5	E	6	c	–	4
Roche's Point ...	29.99f		44	43	−1	48	42	NE	4	6	E	9	op	0.02	4
Pembroke ...	29.97f	− .03	45	44	−2	48	41	E	5	7	E	10	qm	0.03	3
Portishead ...	30.02r	+ .05	47	45	−1	49	40	E	5	7	E	10	qo	0.09	3
Scilly	29.85s	− .02	48	47	0	49	45	Z	0	7	ENE	8	o	0.10	3
Plymouth ...	29.87r	+ .03	49	49	+3	49	38	SE	3	9	NE	10	qp	0.41	*
Portsmouth ...	30.04r	+ .13	48	48	+2	49	42	SE	4	8	NE	10	r	0.45	5
Dover	30.13r	+ .11	48	47	0	49	44	E	4	8	E	10	cqo	0.12	4
London ...	30.09r	+ .06	47	46	0	48	43	E	3	8	E	10	qro	0.23	*
Oxford... ...	30.10	+ .06	46	45	0	47	41	E	2	5	E	10	o	0.04	*
Cambridge ...	30.15r	+ .04	44	43	−1	46	40	NE	1	4	NE	10	or	0.18	*
Yarmouth ...	30.21r	+ .05	45	43	0	47	41	E	5	9	E	8	cq	0.06	5
Helder	30.27		?55	*		*	*	E	6	*	*	*	*	*	4
Cape Gris Nez...	30.08r	+ .14	43	41	0	46	41	ESE	4	7	E	8	o	0.08	3
Brest	29.93r	+ .24	48	48	−1	50	44	N	3	4	N	2	fb	0.20	2
L'Orient ...	29.91r	+ .26	51	49	+6	56	44	N	1	4	SW	9	o	0.20	2
Rochefort ...	30.04r	+ .46	50	46	−3	55	48	NW	3	5	N	10	r	0.39	3
Biarritz ...	30.10r	+ .26	50	46	−3	57	47	SW	5	7	SW	3	tc	0.24	3
Corunna ...				*		*	*			*	*	*		*	
Brussels ...	30.16	+ .09	40	*	−3	*	*	NE	3	*	*	*	o	*	*
Charleville ...	30.19	+ .03	42	*	−3	*	*	E	3	*	*	*	o	*	*
Paris	30.14r	+ .24	44	?	−5	51	42	ESE	4	4	SSE	10	to	0.35	*
Lyons	?		52	*	−3	*	*	N	1	*	*	*	b	*	*
Toulon... ...	30.02r	+ .06	50	46	−7	62	49	NW	3	3	SE	3	ob	0.08	3

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		C.	Wea.	Sea.
Skudesnaes ...	30.43	43	40	ESE	2	*	c	2
Thurso ...								
Scarborough...								
Greencastle ...								*
Holyhead ...								

	Bar	Dry.	Wet.	Wind		C	Wea
Valencia ...							
Scilly ...							
London ...							
Rochefort ...	29.76	53	51	N	5	10	r

EXPLANATION OF COLUMNS.

BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER:** *Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. wet.

* AN ASTERISK is inserted in all places for which no information is received. The "extreme" wind for the Swedish and Norwegian Stations is an observation taken at 8 p.m.

N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS

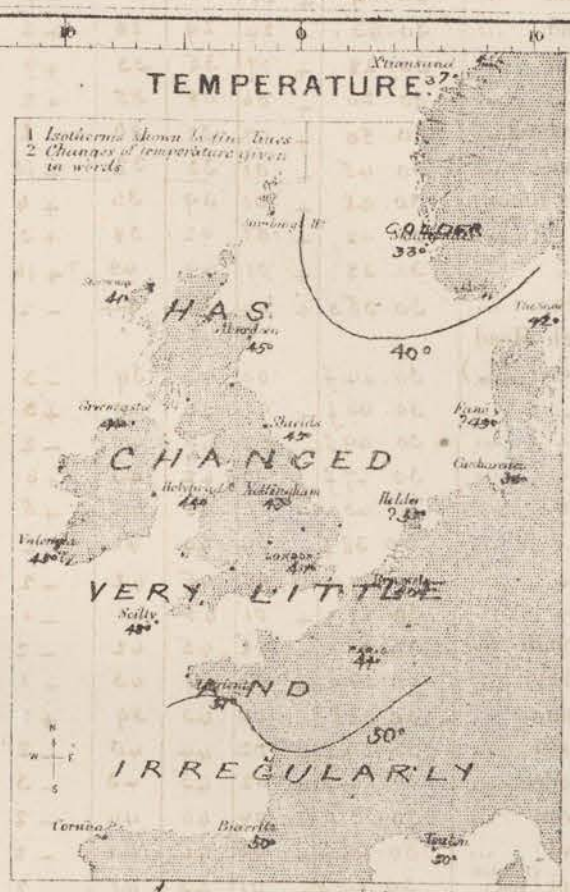
AND REMARKS FOR

MONDAY 10TH NOVEMBER 1873 AT 8 A.M.

BAROMETER.

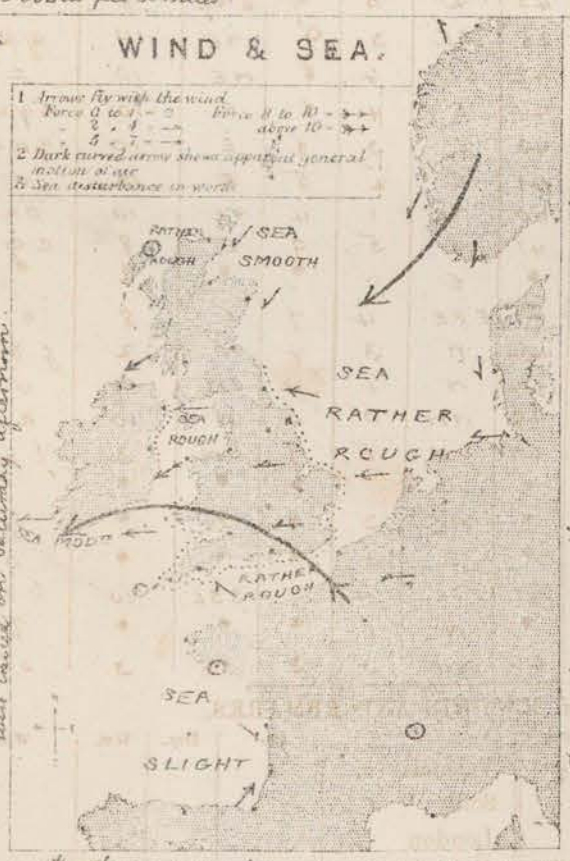
The centre of the depression which had reached Rochefort yesterday morning has now travelled NNW and lies at the mouth of the English Channel, but has become much less marked. Pressure has consequently recovered briskly in the west of France, and a similar result has ensued in the SE of England during the night, but elsewhere very little change has occurred. The gradient from Aberdeen to Scilly is 0·062 in per 50 miles.

TEMPERATURE.



Temperature has changed little and irregularly.

WIND & SEA.



The E gale which blew along our eastern coasts and in the Channel yesterday morning became very strong in several places and extended subsequently to Wales and the east of England. The gale has now subsided, except at Kingstown and Holyhead, but the wind continues generally E on our coasts while it is variable from the W in the west of France.

The sea is high at Kingstown, generally rough on the east coasts of England and Scotland, and in the English Channel.

CLOUD, RAIN &c.

Rain has fallen except in the north and north west. The sky remains overcast very generally, with showers in several places, and the weather is far from being settled.

Warnings were issued to the eastern, southern and part of the western coasts on Saturday. Storms lowered in the south and south west this morning.

Subscriptions for these Charts received in advance
Yearly delivery
Delivery by hand 1/4 per quarter
" by post 3/ per quarter

Meteorological Office
116, Victoria Strt, Westminster S.W.
ROBERT H. SCOTT, Director.

Tues-, day 8 a.m. **WEATHER REPORT.** Nov 11th 1873.

STATIONS.	BAROMETER. At 8 A.M. Reduced to 32° F. at the Mean Sea Level.	BAROMETER. Change since yesterday.	THERMOMETERS. (In shade). At 8 A.M. Dry bulb.	THERMOMETERS. At 8 A.M. Wet bulb.	THERMOMETERS. Change in the dry bulb since yesterday.	THERMOMETERS. In past 24 hours. Max.	THERMOMETERS. In past 24 hours. Min.	WIND. At 8 A.M. Direc.	WIND. At 8 A.M. Force. (0 to 12.)	WIND. Extreme. Force. (0 to 12.)	WIND. Extreme. Direc.	Amount of Cloud 0 to 10.	Weather? By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Disturbance. 0 to 9.
Haparanda ...	29.67	-.62	31	30	+19	*	*	NW	6	2	SW	*	c	*	*
Hernösand ...	30.09	-.34	42	37	+13	*	*	W	4	2	?	*	c	*	*
Stockholm ...	30.23	-.05	31	30	-4	*	*	W	2	4	W	*	b	*	*
Wisby	30.41	+.15	35	34	-3	*	*	NW	6	4	NE	*	cb	*	*
Christiansund ...	30.50	.00	42	41	+6	*	*	WSW	8	8	SW	*	or	*	6
Skudesnaes ...	30.53	+.08	37	37	+4	*	*	NNW	2	0	Z	*	bc	*	1
Oxö (Christiansand)	30.42	-.06	39	36	0	*	*	W	4	4	NNW	*	b	*	2
Skagen (The Skaw)	30.45	+.03	35	35	-7	*	*	SW	2	*	*	*	b	*	*
Fanö	30.54	+.16	32	32	?-17	*	*	E	2	*	*	*	b	*	*
Cuxhaven ...	30.53r	+.18	37	37	+1	45	?	SE	3	3	E	0	b	-	?
Sumburgh Head															
Stornoway (Hebrides)	30.36f	-.08	36	35	-5	45	34	NW	1	3	ESE	5	cb	-	4
Thurso... ...	30.41f	-.05	42	40	0	44	41	SSE	1	1	E	7	oc	-	1
Wick	30.45f	-.06	45	42	+2	45	41	S	4	3	E	10	o	-	2
Nairn	30.43f	-.04	35	33	-7	44	34	Z	0	1	SE	8	o	-	1
Aberdeen ...	30.44f	+.01	46	44	+1	46	43	SSE	1	2	NE	9	mo	0.03	2
Leith	30.40f	+.02	45	44	+1	47	43	SE	2	3	SE	6	oc	-	*
Shields... ...	30.43s	+.06	46	43	+1	47	44	SE	3	6	E	8	q	-	4
York	30.39r	+.11	43	40	-2	47	37	E	1	3	E	6	c	-	*
Scarborough ...	30.40r	+.09	44	41	-1	47	45	SE	4	6	E	9	co	-	4
Nottingham ...	30.34r	+.15	39	38	-4	45	39	ENE	4	5	NE	4	of	0.06	*
Ardrossan ...	30.37s	+.01	43	41	0	47	41	E	2	5	E	5	cm	0.02	1
Greencastle ...	30.31r	+.02	45	43	+1	46	43	E	4	6	E	10	q	-	*
Donaghadee ...	30.31r	+.07	46	45	+1	47	44	SSW	5	8	ESE	10	o	0.02	5
Kingstown ...	30.27r	+.14	48	47	+2	50	45	SE	2	9	ENE	10	gm	0.02	5
Holyhead ...	30.24r	+.16	43	42	-1	46	42	ENE	3	6	ENE	3	cb	-	3
Liverpool (Bidston Obs.)	30.37r	+.17	41	39	-2	44	41	E	3	6	ENE	7	om	0.10	2
Valencia ...	30.16r	+.10	48	45	+3	49	43	S	3	4	E	6	c	-	5
Roche's Point ...	30.16r	+.17	50	49	+6	51	44	SE	4	6	E	9	ro	0.39	4
Pembroke ...	30.21r	+.24	45	44	0	51	45	E	4	6	SE	10	om	0.01	2
Portishead ...	30.23r	+.21	44	42	-3	51	42	ENE	3	6	E	10	oq	-	2
Scilly	30.10r	+.25	50	50	+2	52	47	ESE	4	5	S	7	c	-	2
Plymouth ...	30.18r	+.31	46	46	-3	52	44	ENE	3	5	ENE	10	po	0.08	*
Portsmouth ...	30.24r	+.20	44	42	-4	49	42	ENE	3	4	SE	9	o	-	2
Dover	30.28r	+.15	42	39	-6	49	40	E	4	4	E	3	db	0.18	4
London ...	30.27r	+.18	42	40	-5	49	41	E	1	3	ENE	10	do	0.02	*
Oxford... ...	30.29	+.19	41	40	-5	50	41	ENE	1	3	ENE	10	o	-	*
Cambridge ...	30.33r	+.18	35 ~~45~~	34 ~~44~~	-9	45	34	NE	1	1	E	5	rc	0.19	*
Yarmouth ...	30.34r	+.13	43	42	-2	46	42	ESE	5	7	E	3	cb	-	4
Helder				*		*	*			*	*	*	*	*	
Cape Gris Nez...	30.25r	+.17	34	32	-9	47	34	ESE	3	4	E	5	rc	0.08	2
Brest	30.10f	+.17	46	44	-2	57	43	ENE	4	4	ENE	2	b	-	3
L'Orient ...	30.06f	+.15	42	42	-9	59	42	ESE	4	4	ESE	10	f	-	3
Rochefort ...	30.03f	-.01	44	42	-6	59	39	E	5	4	SE	10	cf	-	3
Biarritz ...	29.89f	-.21	41	39	-9	55	38	E	5	5	S	3	a	-	3
Corunna ...				*		*	*			*	*	*		*	
Brussels ...	30.36	+.20	34	*	-6	*	*	E	4	*	*	*	c	*	*
Charleville ...	30.26	+.07	35	*	-7	*	*	NE	?	*	*	*	c	*	*
Paris	30.17r	+.03	38	?	-6	51	38	E	5	3	NE	4	oc	-	*
Lyons	?		52	*	0	*	*	N	3	*	*	*	o	*	*
Toulon... ...	29.86f	-.16	50	48	0	56	45	NE	5	7	NW	5	bc	-	8

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		C.	Wea.	Sea.
Skudesnaes ...	30.53	40	37	Z	0	*	b	2
Thurso ...	30.47	44	42	E	1	7	a	1
Scarborough...	30.34	46	43	E	6	7	c	5
Greencastle ...	30.28	45	42	ENE	5	10	o	*
Holyhead ...	30.15	45	44	ENE	4	6	m	4

	Bar.	Dry.	Wet.	Wind.		C.	Wea.	Sea.
Valencia ...	30.01	48	46	E	4	7	c	3
Scilly ...	29.94	50	49	SSW	2	7	c	3
London ...	30.19	48	46	E	2	10	omq	*
Rochefort ...	30.08	56	52	SE	4	5	c	3

The recovery of pressure has already extended to Scilly where a light SSW. breeze has set in, while in Ireland the barometer is falling slowly. The wind has moderated very much at Holyhead and the sea is going down on the S. & W. coasts.

EXPLANATION OF COLUMNS.

BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER:** *Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. wet, dew.

* AN ASTERISK is inserted in all places for which no information is received. The "extreme" wind for the Swedish and Norwegian Stations is an observation taken at 8 p.m.

N.B. The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

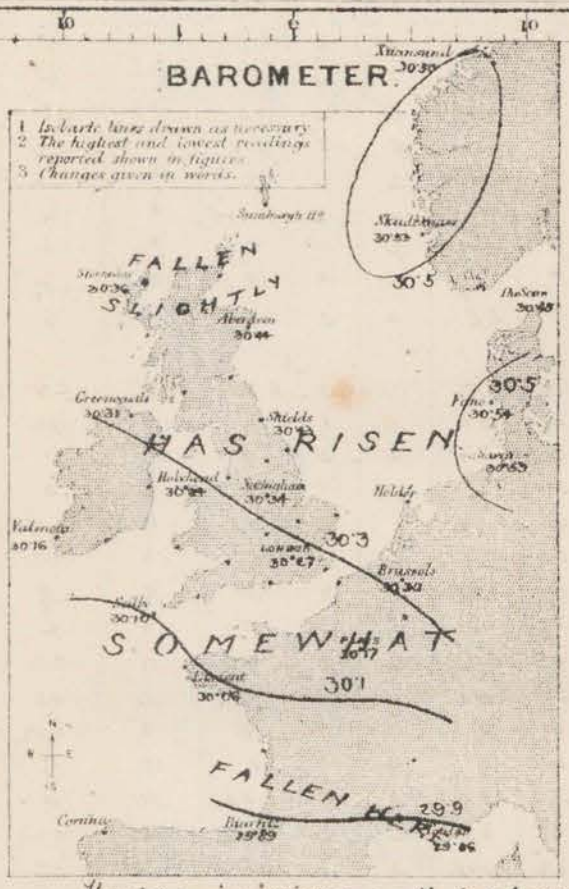
WEATHER CHARTS

AND REMARKS FOR

TUESDAY 11th NOVEMBER 1873 AT 8 A.M.

BAROMETER.

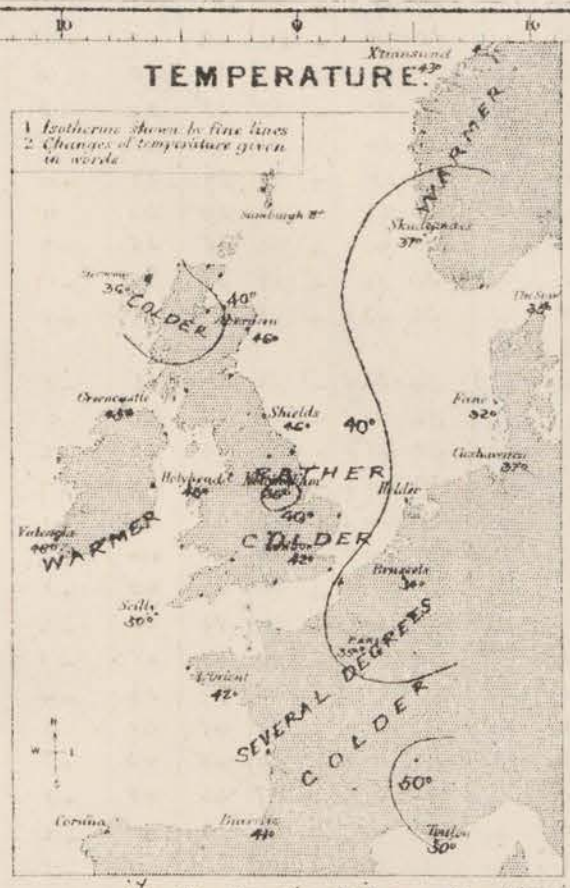
1 Isobaric lines drawn as necessary
2 The highest and lowest readings reported shown in figures
3 Changes given in words.



The depression noticed during the last few days has quite disappeared from our south west coast, but while the mercury has risen somewhat over England and Ireland it has again begun to fall briskly in the south of France, and has also fallen slightly in the north of Scotland. Pressure is now highest on the eastern shores of the North Sea. The gradient from Scarboro' to Scilly is 0·05 in. per 50 miles.

TEMPERATURE.

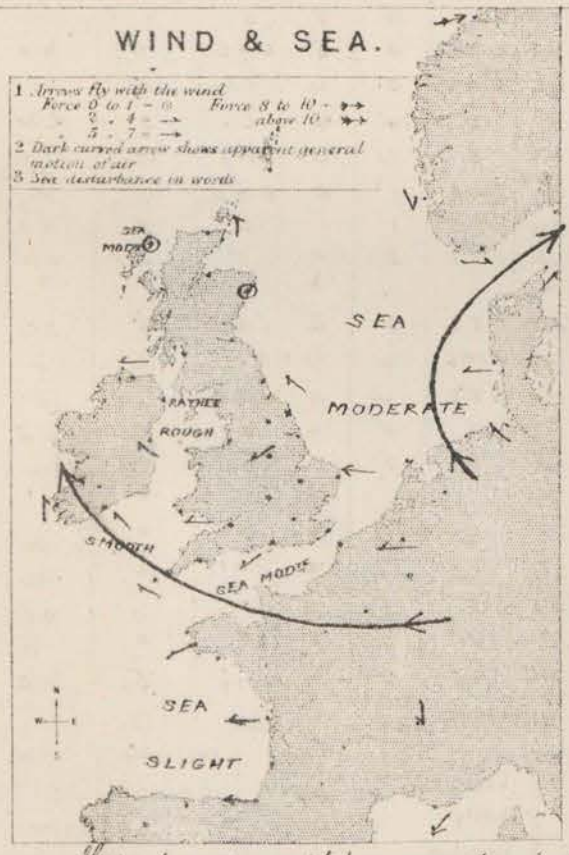
1 Isotherms shown by fine lines
2 Changes of temperature given in words



Temperature has fallen considerably in France and the south east of England as well as in some parts of Scotland.

WIND & SEA.

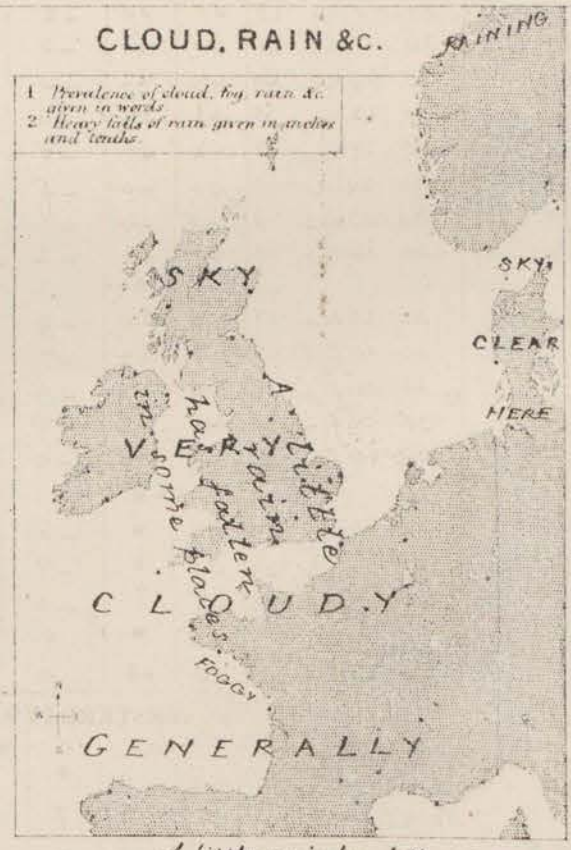
1 Arrows fly with the wind
Force 0 to 1 - ⊙ Force 8 to 10 - ➤➤
" 2 " 4 - → above 10 - ➤➤
" 5 " 7 - →
2 Dark curved arrow shows apparent general motion of air
3 Sea disturbance in words



Light to moderate Et breezes now prevail over France and England, drawing into SE or S on our western and northern coasts, while Wt winds prevail in Norway blowing strongly at Christiansund.
The sea is still rather rough on the east coast of Ireland, moderate on the east and south east coasts of England, rough at Christiansund.

CLOUD, RAIN &c.

1 Prevalence of cloud, fog, rain &c. given in words
2 Heavy falls of rain given in inches and tenths.



A little rain has fallen in some places. The sky is very cloudy.

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" " book post 5/ per quarter

Meteorological Office
116, Victoria Strt. Westminster S.W.
ROBERT H. SCOTT, Director.

Vincent Brooks Day & Son Lith. London W.C.

Wednesday 8 a.m. **WEATHER REPORT.** Nov 12th 1873.

STATIONS.	BAROMETER. At 8 A.M. Reduced to 32° F. at the Mean Sea Level.	BAROMETER. Change since yesterday.	THERMOMETERS. (In shade). At 8 A.M. Dry bulb.	THERMOMETERS. At 8 A.M. Wet bulb.	THERMOMETERS. Change in the dry bulb since yesterday.	THERMOMETERS. In past 24 hours. Max.	THERMOMETERS. In past 24 hours. Min.	WIND. At 8 A.M. Direc.	WIND. At 8 A.M. Force. (0 to 12.)	WIND. Extreme. Force. (0 to 12.)	WIND. Extreme. Direc.	Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Disturbance 0 to 9.
Haparanda ...	29.98	+.31	19	19	-12	*	*	W	4	10	NW	*	o	*	*
Hernösand ...	30.22	+.10	35	32	-7	*	*	NNW	2	4	NW	*	o	*	*
Stockholm ...	30.30	+.07	29	27	-2	*	*	NW	2	2	NNW	*	b	*	*
Wisby	30.41	.00	39	36	+4	*	*	N	4	8	NW	*	b	*	*
Christiansund ...	30.33	-.17	39	38	-4	*	*	SW	4	4	NNW	*	r	*	5
Skudesnaes ...	30.39	-.14	37	36	0	*	*	ENE	4	2	ENE	*	o	*	2
Oxö (X'tiansand)	30.37	-.05	35	33	-4	*	*	NNW	2	2	N	*	o	*	2
Skagen (The Skaw)	30.36	-.09	42	40	+7	*	*	SSE	2	*	*	*	o	*	*
Fanö	30.40	-.14	31	30	-1	*	*	SSE	2	*	*	*	b	*	*
Cuxhaven ...	30.40f	-.13	33	33	-4	43	?	SE	4	4	SE	0	b	-	?
Sumburgh Head															
Stornoway (Hebrides)	30.26f	-.10	36	35	0	45	34	NW	1	1	NW	2	b	-	1
Thurso... ...	30.26f	-.15	37	36	-5	48	35	S	1	2	SSE	8	ow	-	1
Wick	30.29f	-.14	44	42	-1	47	42	S	3	3	S	9	o	-	2
Nairn	30.29f	-.14	32	31	-2	42	31	Z	0	0	Z	6	c	-	1
Aberdeen ...	30.30f	-.14	44	41	-2	48	43	S	1	1	SSE	9	o	-	1
Leith	30.31f	-.09	?39	39	-6	48	28	E	1	3	SE	5	om	-	*
Shields... ...	30.30f	-.12	45	42	-1	46	43	E	2	4	SSE	8	cq	-	3
York	30.24f	-.15	37	37	-6	48	31	NE	1	1	E	2	cb	-	*
Scarborough ...	30.23f	-.17	45	43	+1	45	43	E	4	4	SE	7	c	-	4
Nottingham ...	30.16f	-.18	42	40	+3	48	38	NE	3	5	NE	7	cm	-	*
Ardrossan ...	30.29f	-.08	35	33	-8	48	35	NE	2	2	SE	5	mf	-	1
Greencastle ...	30.24f	-.07	40	39	-5	46	39	NE	1	4	E	9	q	0.01	*
Donaghadee ...	30.24f	-.07	42	40	-4	48	41	E	5	5	E	9	o	-	4
Kingstown ...	30.20f	-.07	45	43	-3	50	44	ENE	3	3	NE	9	mo	-	4
Holyhead ...	30.14f	-.10	40	39	-3	49	38	ENE	4	5	ENE	4	cm	-	3
Liverpool (Bidston Obs.)	30.23f	-.14	36	35	-5	46	34	ENE	1	3	E	4	cf	-	1
Valencia ...	30.15f	-.01	43	41	-5	53	41	E	3	3	SE	3	cb	-	3
Roche's Point ...	30.13f	-.03	39	37	-11	52	38	NE	4	5	E	3	ob	-	5
Pembroke ...	30.11f	-.10	35	34	-10	46	35	NE	4	4	ENE	2	mb	-	2
Portishead ...	30.07f	-.16	40	38	-4	46	37	ENE	6	7	ENE	5	cu	-	5
Scilly	30.00f	-.10	45	43	-5	52	44	ENE	5	6	ENE	7	c	-	4
Plymouth ...	30.01f	-.17	39	38	-7	47	36	NNE	2	5	NE	10	qm	-	*
Portsmouth ...	30.05f	-.19	39	37	-5	47	35	ENE	3	4	ENE	9	bo	-	2
Dover	30.09f	-.19	41	38	-1	45	38	E	4	5	E	2	b	-	4
London ...	30.09f	-.18	37	35	-5	47	33	E	3	2	ENE	10	cbo	-	*
Oxford... ...	30.09	-.20	37	36	-4	45	34	ENE	1	2	ENE	10	co	-	*
Cambridge ...	30.15f	-.18	33	33	-2	45	33	NNE	1	1	NE	0	b	-	*
Yarmouth ...	30.17f	-.17	44	42	+1	47	41	ESE	5	6	ESE	0	b	-	4
Helder	30.27	-.13	31	*	-4	*	*	E	3	*	*	*	*	*	2
Cape Gris Nez...	30.06f	-.19	31	31	-3	46	30	E	4	5	E	2	b	-	2
Brest	29.94f	-.16	41	41	-5	52	38	SE	3	5	ENE	10	o	-	2
L'Orient ...	29.89f	-.17	38	36	-4	50	38	ENE	4	5	E	9	o	-	3
Rochefort ...	29.86f	-.17	41	39	-3	45	38	ESE	3	5	E	0	fb	-	3
Biarritz ...	29.82f	-.07	45	41	+4	52	40	SE	4	4	E	6	of	-	3
Corunna ...				*		*	*			*	*	*		*	
Brussels ...	30.19	-.17	32	*	-2	*	*	NE	4	*	*	*	b	*	*
Charleville ...	30.16	-.10	32	*	-3	*	*	SE	3	*	*	*	b	*	*
Paris	30.04f	-.13	36	?	-2	43	35	ESE	4	7	E	2	c	-	*
Lyons	?		45	*	-7	*	*	N	1	*	*	*	b	*	*
Toulon... ...	30.04r	+.18	48	43	-2	59	43	E	8	8	E	4	oc	-	7

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar	Dry	Wet	Wind		C.	Wea.	Sea.
Skudesnaes ...	30.47	42	39	NNW	2	*	o	2
Thurso ...	30.36	45	43	SSE	4	6	c	1
Scarborough...	30.37	44	41	ESE	3	6	c	4
Greencastle ...	30.31	46	44	E	3	10	q	*
Holyhead ...	30.24	48	46	ENE	3	5	c	2
Valencia ...	30.17	52	48	SE	3	4	c	3
Scilly ...	30.12	51	49	E	5	8	om	4
London ...	30.25	46	44	ENE	2	7	c	*
Rochefort ...	29.97	45	43	E	5	10	f	3

Pressure has continued to decrease in the SW. of France, but has also decreased on our N. & E. coasts. Moderate E^ly winds continue, drawing into SE. in the N & N.—

EXPLANATION OF COLUMNS.

BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER**: *Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m misty (hazy), o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. wet, dew.

* AN ASTERISK is inserted in all places for which no information is received. The "extreme" wind for the Swedish and Norwegian Stations is an observation taken at 8 p.m.

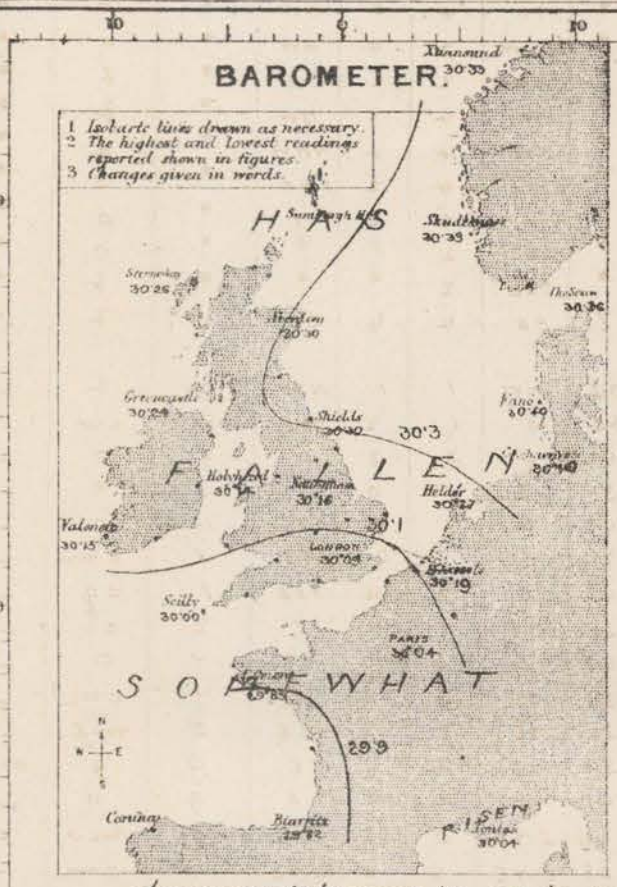
N.B. The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS

AND REMARKS FOR

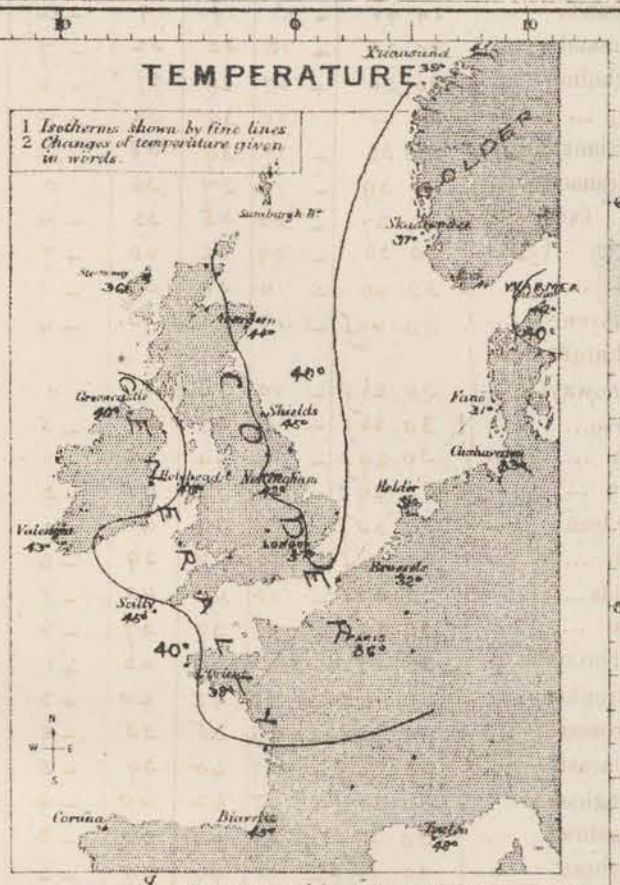
WEDNESDAY 12TH NOVEMBER 1873 AT 8 A.M.

BAROMETER.



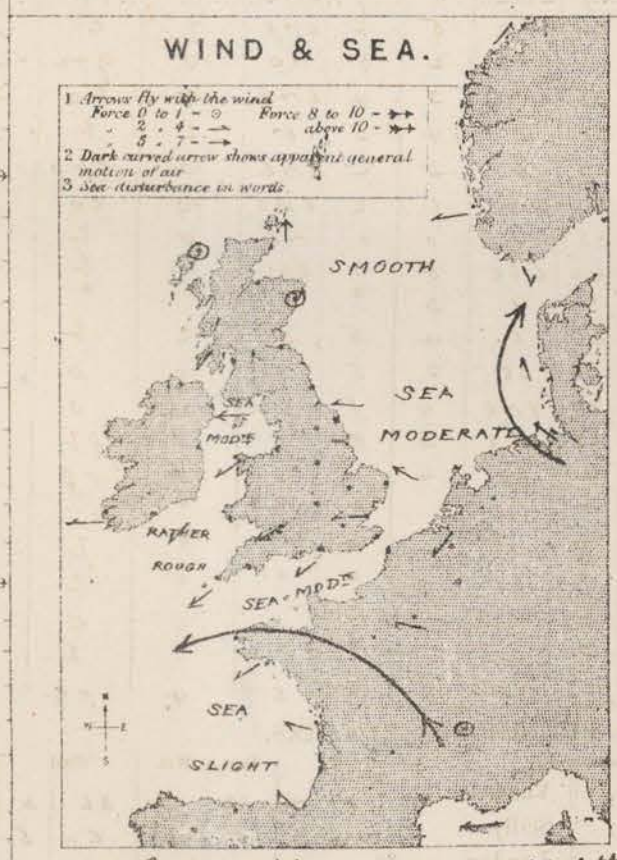
A very general decrease of pressure has taken place over western Europe so that its relative distribution does not differ much from that reported yesterday. The highest readings are found over Holstein. The gradient from Thiell to Plymouth is 0·05 in. and that from the Helder to Rochefort 0·04 in. per 50 miles.

TEMPERATURE.



Temperature has fallen at nearly all stations. In London it fell to 25° on the grass during the night.

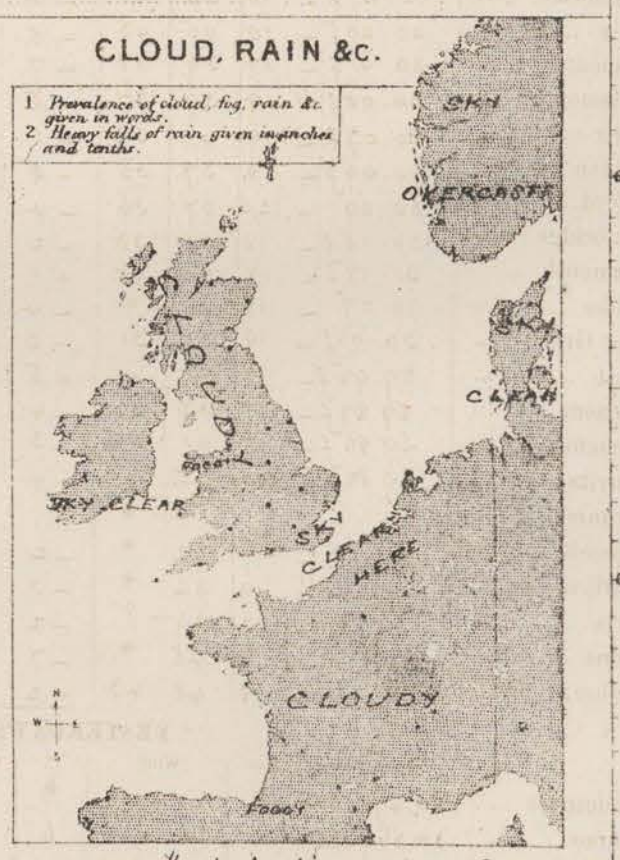
WIND & SEA.



Moderate E^ly breezes are general except at the most northern stations, where the wind is light from the S^ward.

The sea is rather rough at Roches^r and Christiansund, moderate & smooth elsewhere.

CLOUD, RAIN &c.



The sky has become clear in Denmark and the south of Sweden, as well as in several of the south western and south eastern stations.

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Meteorological Office
116, Victoria Str^t, Westminster S.W.
ROBERT H. SCOTT, Director.

Vincent Brooks Day & Son Lith. London W.C.

Thurs. day 8 a.m. **WEATHER REPORT.** Nov.r 13th 1873.

STATIONS.	BAROMETER. At 8 A.M. Reduced to 32° F. at the Mean Sea Level.	BAROMETER. Change since yesterday.	THERMOMETERS. (In shade). At 8 A.M. Dry bulb.	At 8 A.M. Wet bulb.	Change in the dry bulb since yesterday.	In past 24 hours. Max.	In past 24 hours. Min.	WIND. At 8 A.M. Direc.	At 8 A.M. Force. (0 to 12.)	Extreme. Force. (0 to 12.)	Extreme. Direc.	Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Disturbance. 0 to 9.
Haparanda ...	29·98	·00	17	16	−2	*	*	N	6	2	N	*	b	*	*
Hernösand ...	30·12	−·10	31	29	−4	*	*	N	2	2	NW	*	o	*	*
Stockholm ...	30·05	−·25	30	29	+1	*	*	W	2	6	W	*	c	*	*
Wisby	30·15	−·26	38	37	−1	*	*	NW	4	6	NW	*	b	*	*
Christiansund ...	30·10	−·23	40	38	+1	*	*	WNW	6	4	SW	*	r	*	5
Skudesnaes ...	?30·47	+·08?	34	31	−3	*	*	N	2	0	Z	*	cb	*	2
Oxö (X'tiansand)	?	?	31	30	−4	*	*	NNE	4	4	W	*	bc	*	2
Skagen (The Skaw)	30·11	−·25	36	36	−6	*	*	SW	4	*	*	*	c	*	*
Fanö	30·10	−·30	31	31	0	*	*	ENE	4	*	*	*	b	*	*
Cuxhaven ...	30·08f	−·32	41	41	+8	37	?	SE	3	5	SE	3	ob	—	?
Sumburgh Head															
Stornoway (Hebrides)	30·02f	−·24	40	38	+4	45	33	E	2	1	E	4	c	—	2
Thurso... ...	30·09f	−·17	41	39	+4	43	35	SSE	1	2	SSE	9	og	—	1
Wick	30·12f	−·17	42	39	−2	44	39	SE	3	3	S	9	o	—	2
Nairn	30·08f	−·21	30	30	−2	39	29	Z	0	0	Z	8	bmo	—	2
Aberdeen ...	30·07f	−·23	43	40	−1	47	43	E	2	2	E	9	o	—	2
Leith	30·02f	−·29	44	42	+5?	46	28	SE	3	3	E	7	oc	—	*
Shields... ...	29·98f	−·32	45	42	0	47	44	ENE	4	4	E	8	bg	—	4
York	29·94f	−·30	37	36	0	49	26	N	1	1	E	7	c	—	*
Scarborough ...	29·91f	−·32	45	43	0	47	43	E	4	4	ESE	9	bo	—	4
Nottingham ...	29·94f	−·22	33	33	−9	47	32	E	1	4	NE	10	cf	—	*
Ardrossan ...	29·98f	−·31	37	35	+2	44	35	ENE	2	3	NE	4	mf	—	1
Greencastle ...	29·93f	−·31	42	41	+2	43	39	ENE	3	3	ENE	10	g	—	*
Donaghadee ...	29·92f	−·32	43	41	+1	49	42	E	6	6	E	4	c	—	5
Kingstown ...	29·85f	−·35	46	45	+1	48	44	ENE	4	3	ENE	10	m	—	4
Holyhead ...	29·81f	−·33	42	40	+2	44	39	ENE	4	4	ENE	5	mc	—	3
Liverpool (Bidston Obs.)	29·95f	−·28	35	34	−1	45	34	E	2	3	E	3	mf	—	2
Valencia ...	29·81f	−·34	43	40	0	53	39	NNE	3	3	NE	8	cg	—	3
Roche's Point ...	29·95f	−·38	43	42	+4	46	39	NE	5	5	NE	9	o	—	4
Pembroke ...	29·75f	−·36	45	45	+10	45	35	ESE	5	5	ESE	10	or	0·02	4
Portishead ...	29·86f	−·21	38	37	−2	45	35	ENE	4	6	ENE	10	og	—	3
Scilly	29·73f	−·27	45	44	0	46	44	SW	4	5	ENE	6	oc	0·01	2
Plymouth ...	29·74f	−·24	49	49	+10	52	39	SSE	3	3	SSE	10	gd	—	*
Portsmouth ...	29·86f	−·19	42	41	+3	46	36	E	2	4	E	1	cb	—	1
Dover	29·88f	−·21	35	34	−6	45	32	E	1	4	E	0	bf	—	1
London ...	29·89f	−·20	29	29	−8	49	28	Z	0	3	E	10	mbf	—	*
Oxford... ...	29·91	−·18	30	29	−7	44	29	Z	0	2	E	10	cf	—	*
Cambridge ...	29·89f	−·26	?30	?30	−3	44	25	NNW	1	1	E	0	b	—	*
Yarmouth ...	29·88f	−·29	41	41	−3	49	40	S	1	5	ESE	6	bf	—	3
Helder	29·96	−·31	33	*	+2	*	*	E	2	*	*	*	*	*	2
Cape Gris Nez...	29·88f	−·18	32	30	+1	45	31	ESE	1	4	E	0	b	—	1
Brest	29·78f	−·16	46	44	+5	50	38	ENE	3	3	ESE	10	o	—	2
L'Orient ...	29·73f	−·16	48	48	+10	?	38	E	4	4	E	10	o	—	2
Rochefort ...	29·79f	−·07	47	45	+6	58	39	SE	4	4	SE	6	bc	—	3
Biarritz ...	29·71f	−·11	46	44	+1	55	44	SE	4	4	E	8	co	—	3
Corunna ...				*		*	*			*	*	*		*	
Brussels ...	29·94	−·25	34	*	+2	*	*	ENE	3	*	*	*	f	*	*
Charleville ...	29·93	−·23	36	*	+4	*	*	SE	3	*	*	*	b	*	*
Paris	29·88f	−·16	37	?	+1	48	33	SE	1	4	E	4	bc	—	*
Lyons	?	?	46	*	+1	*	*	N	1	*	*	*	f	*	*
Toulon... ...	29·99f	−·05	50	48	+2	53	46	E	9	9	E	8	ro	—	6

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar	Dry	Wet.	Wind		C.	Wea	Sea.
Skudesnaes ...	30·29	38	37	Z	0	*	c	1
Thurso ...	30·23	42	40	SSE	1	8	o	1
Scarborough...	30·14	45	43	ESE	4	3	b	4
Greencastle ...	30·17	43	41	ESE	2	8	o	*
Holyhead ...	30·05	43	41	ENE	4	3	m	3
Valencia ...	30·06	45	41	NE	3	5	c	3
Scilly ...	29·92	46	43	ENE	4	8	o	4
London ...	30·04	45	41	E	2	2	omb	*
Rochefort ...	29·85	57	50	SE	4	0	b	3

Pressure continues to decrease generally. Scarcely any other change is reported.

EXPLANATION OF COLUMNS.

BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER:** *Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. wet, dew.

* AN ASTERISK is inserted in all places for which no information is received. The "extreme" wind for the Swedish and Norwegian Stations is an observation taken at 8 p.m.

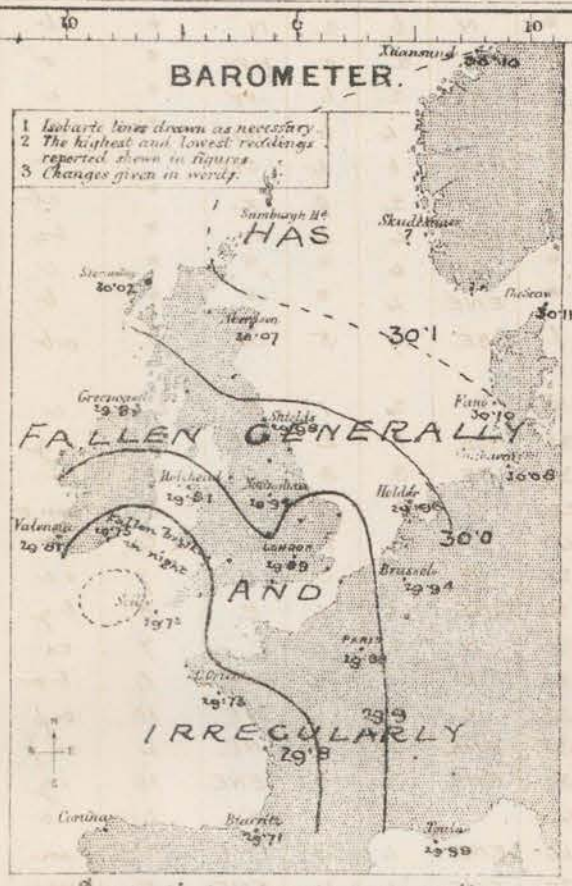
N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS

AND REMARKS FOR

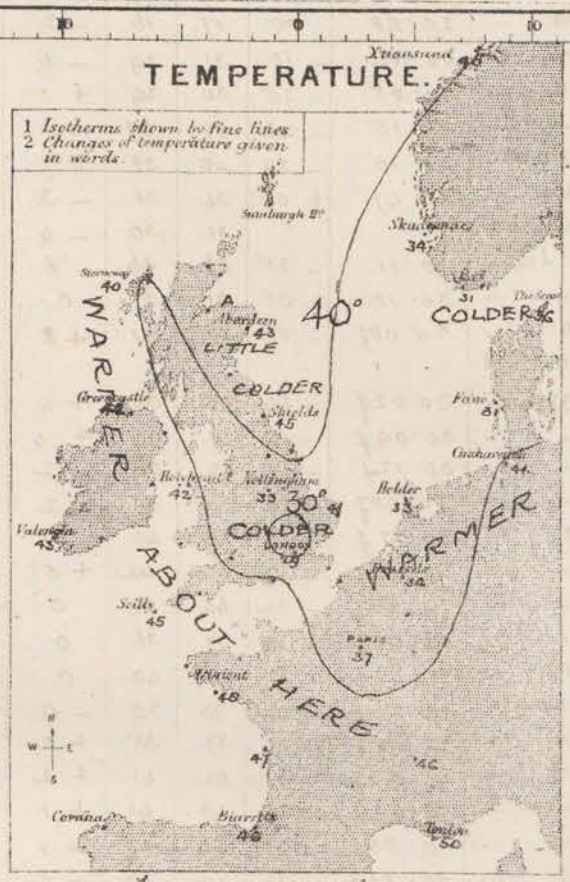
THURSDAY 13TH NOV: 1873 AT 8 A.M.

BAROMETER.



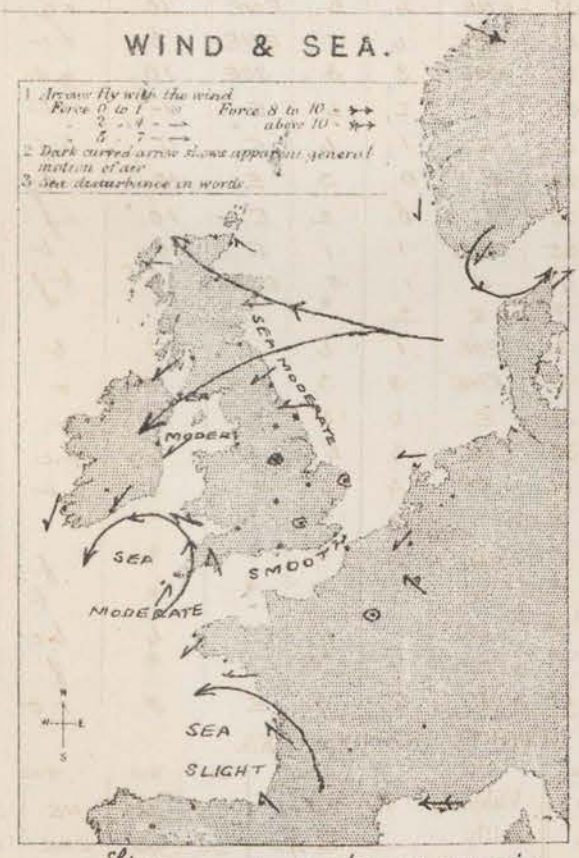
During the past twenty four hours the mercury has continued to fall at all our ports and the trough station, most in the south west; and a small depression has shown itself at the mouth of St George's Channel. There also appears to be a second centre over the Bay of Biscay, and some irregularity is found in the south east of England. The gradient from Wick to Pembroke is 0·048 in. per 50 miles.

TEMPERATURE.



Temperature has increased except over eastern and central, where it has fallen several degrees and is low. In London the thermometer fell to 28° in the shade and 20° on the grass during the night.

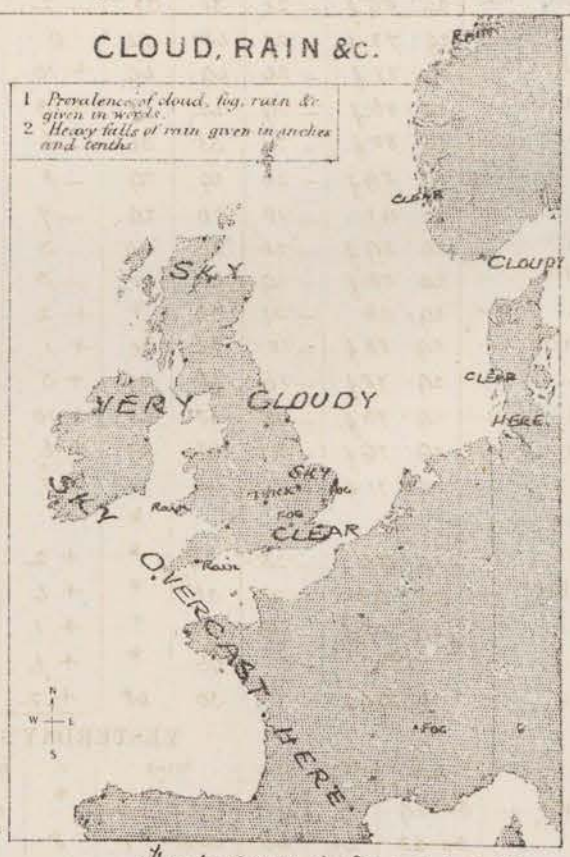
WIND & SEA.



Light to moderate E^ly winds are still generally prevalent; but a circulation is established round the depression off our south west coasts, causing NE^ly breezes in Ireland and a moderate SW^ly wind at Scilly. In the south east of England calms and variable airs prevail. At London a strong E gale is again reported.

The sea is moderate in the south west, smooth elsewhere.

CLOUD, RAIN &c.



The sky is very cloudy except in the south east, with rain at Pembroke and Plymouth. Dense fog prevails in London and at Oxford.

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Friday 8 a.m. WEATHER REPORT. Nov 14th 1873.

STATIONS	BAROMETER At 8 A.M. Reduced to 32° F at the Mean Sea Level.	BAROMETER Change since yesterday.	THERMOMETERS. (In shade) At 8 A.M. Dry bulb.	THERMOMETERS. At 8 A.M. Wet bulb.	THERMOMETERS. Change in the dry bulb since yesterday	THERMOMETERS. In past 24 hours. Max.	THERMOMETERS. In past 24 hours. Min.	WIND At 8 A.M. Direc.	WIND At 8 A.M. Force. (0 to 12.)	WIND Extreme. Force. (0 to 12.)	WIND Extreme. Direc.	Amount of Cloud 0 to 10.	Weather. By Beaufort Scale	Rainfall. In past 24 Hours.	Sea Distinctness 0 to 9
Haparanda ...	30.02	+ ·04	10	9	−7	*	*	N	4	2	N	*	b	*	*
Hernösand ...	30.09	− ·03	22	21	−9	*	*	NNW	2	0	Z	*	b	*	*
Stockholm ...	30.02	− ·03	27	26	−3	*	*	NE	2	0	Z	*	b	*	*
Wisby	30.02	− ·13	37	35	−1	*	*	NE	4	2	NW	*	co	*	*
Christiansund ...	30.17	+ ·07	35	34	−5	*	*	NSW	4	2	N	*	o	*	4
Skudesnaes ...	30.15	r + ·32	34	32	0	*	*	NE	4	0	Z	*	b	*	2
Oxö (X'tiansand)	30.12		33	31	+2	*	*	N	4	4	NNE	*	b	*	3
Skagen (The Skaw)	30.09	− ·02	39	36	+3	*	*	ENE	2	*	*	*	b	*	*
Fanö	30.02	− ·08	35	33	+4	*	*	NE	6	*	*	*	c	*	*
Cuxhaven ...															
Sumburgh Head															
Stornoway (Hebrides)	30.22r	+ ·20	40	38	0	44	37	E	1	4	E	2	cb	−	4
Thurso... ...	30.23r	+ ·14	42	39	+1	44	40	ENE	1	2	E	9	o	0.05	1
Wick	30.26r	+ ·14	43	40	+1	43	39	NE	1	3	SE	8	o	−	1
Nairn	30.24r	+ ·16	36	36	+6	38	30	Z	0	0	Z	9	pm	0.06	1
Aberdeen ...	30.19r	+ ·12	42	41	−1	44	41	NNE	1	2	E	8	gom	0.06	3
Leith	30.19r	+ ·17	43	43	−1	46	41	E	3	3	E	8	o	0.07	*
Shields... ...	30.12r	+ ·14	45	41	0	47	43	ENE	5	5	ENE	9	g	−	4
York	30.09r	+ ·15	40	37	+3	45	35	NE	1	1	NE	7	oc	−	*
Scarborough ...	30.09r	+ ·18	43	40	−2	46	42	ENE	4	4	E	10	o	−	4
Nottingham ...	30.04r	+ ·10	42	41	+9	45	33	NE	3	3	NNE	10	cd	0.01	*
Ardrossan ...	30.15r	+ ·17	42	40	+5	45	37	E	3	5	E	7	mf	−	2
Greencastle ...	30.11r	+ ·18	42	40	0	44	41	ESE	3	4	ENE	4	c	−	*
Donaghadee ...	30.08r	+ ·16	44	42	+1	46	43	E	7	8	E	6	q	−	6
Kingstown ...	29.98r	+ ·13	47	43	+1	49	45	ENE	5	6	?ENE	10	rm	0.01	5
Holyhead ...	29.94r	+ ·13	43	41	+1	45	42	ENE	5	5	ENE	7	cm	−	3
Liverpool (Bidston Obs.)	30.08r	+ ·13	40	39	+5	41	34	E	2	3	E	7	f	−	2
Valencia ...	29.85r	+ ·04	46	44	+3	53	38	N	1	2	NNE	9	qo	−	1
Roche's Point ...	29.84r	+ ·09	49	49	+6	50	42	ESE	5	5	ESE	9	or	0.15	5
Pembroke ...	29.89r	+ ·14	44	42	−1	47	43	E	4	5	ESE	9	om	0.26	2
Portishead ...	29.93r	+ ·07	41	40	+3	44	35	ENE	4	6	ENE	9	ug	−	3
Scilly	29.75r	+ ·02	52	51	+7	52	44	E	5	5	E	9	or	0.13	4
Plymouth ...	29.81r	+ ·04	46	46	−3	53	37	ESE	4	5	ESE	10	qw	−	*
Portsmouth ...	29.92r	+ ·06	42	40	0	49	39	NE	3	3	NE	5	oc	−	3
Dover	29.91r	+ ·03	47	45	+12	47	32	NE	3	1	NE	3	b	−	2
London ...	29.95r	+ ·06	40	38	+11	44	29	ENE	2	2	E	7	cbf	−	*
Oxford	29.98	+ ·07	41	40	+11	42	30	NE	1	1	NE	10	o	−	*
Cambridge ...	30.00r	+ ·11	33	33	+3	38	26	NNE	1	1	NW	10	co	−	*
Yarmouth ...	29.99r	+ ·11	45	44	+4	46	34	NNE	3	3	N	6	mc	−	4
Helder	29.92	− ·04	43	*	+10	*	*	NE	4	*	*	*	*	*	4
Cape Gris Nez...	29.90r	+ ·02	41	39	+9	51	32	E	4	1	E	4	bc	−	3
Brest	29.69f	− ·09	50	50	+4	54	45	ENE	5	5	ENE	10	r	0.20	3
L'Orient ...	29.64f	− ·09	50	50	+2	?	46	E	1	4	E	10	or	0.16	4
Rochefort ...	29.65f	− ·14	51	49	+4	57	46	E	3	4	?	10	o	−	3
Biarritz ...	29.58r	− ·13	52	50	+6	52	?46	E	1	5	E	9	rm	0.08	2
Corunna ...				*		*	*			*	*	*		*	
Brussels ...	29.92	− ·02	38	*	+4	*	*	NE	3	*	*	*	f	*	*
Charleville ...	29.92	− ·01	35	*	−1	*	*	E	1	*	*	*	b	*	*
Paris	29.83f	− ·05	40	?	+3	54	37	NNE	4	4	SE	8	bc	−	*
Lyons	?		51	*	+5	*	*	E	1	*	*	*	m	*	*
Toulon... ...	29.63f	− ·36	51	51	+1	53	49	E	9	9	E	10	or	0.47	7

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar	Dry.	Wet.	Wind		C.	Wea.	Sea.
Skudesnaes ...	30.05	36	36	Z	0	*	b	1
Thurso ...	30.08	43	39	ESE	2	7	c	2
Scarborough...	29.88	45	42	E	3	10	o	3
Greencastle ...	29.89	44	41	ENE	4	6	c	*
Holyhead ...	29.78	45	43	ENE	4	6	c	3

	Bar	Dry.	Wet.	Wind		C	Wea
Valencia ...	29.73	46	44	ENE	2	7	c
Scilly ...	29.70	49	47	SSW	2	8	o
London ...	29.86	44	42	E	2	10	fco
Rochefort ...	29.73	55	51	S	4	10	o

The barometer has again fallen slowly at all stations. Temperature having risen very quickly in London the fog has disappeared. Very little other change is reported. —

EXPLANATION OF COLUMNS.

BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER**: *Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. wet.

* AN ASTERISK is inserted in all places for which no information is received. The "extreme" wind for the Swedish and Norwegian Stations is an observation taken at 8 p.m.

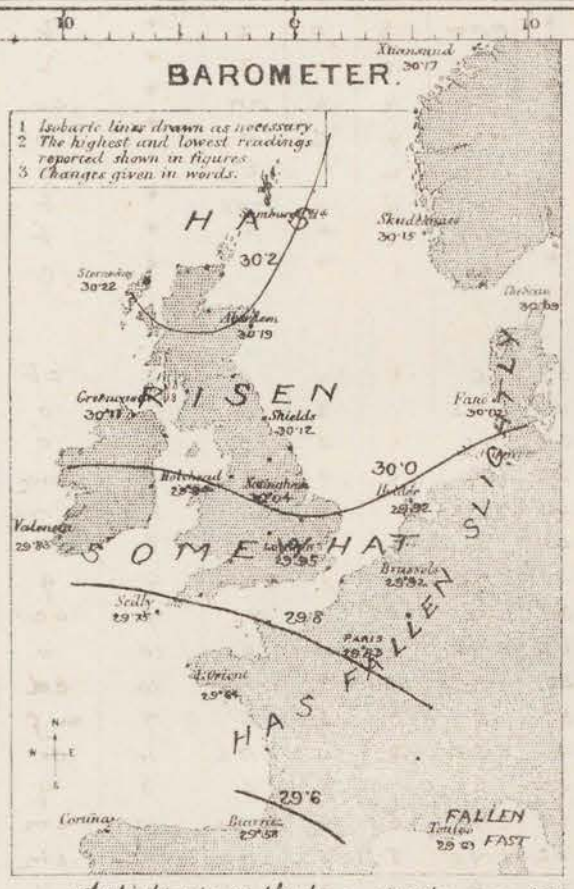
N.B. The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS

AND REMARKS FOR

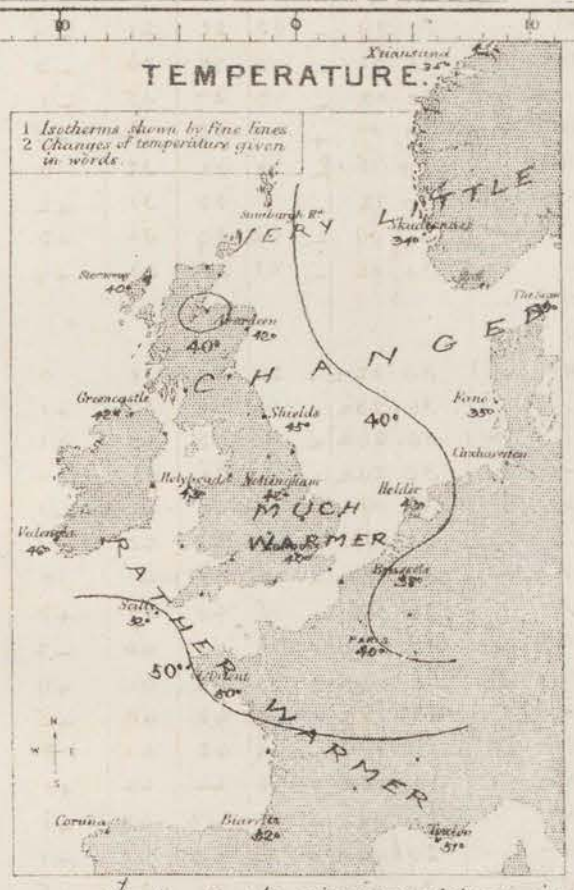
FRIDAY 14TH NOVEMBER 1873 AT 8 A.M.

BAROMETER.



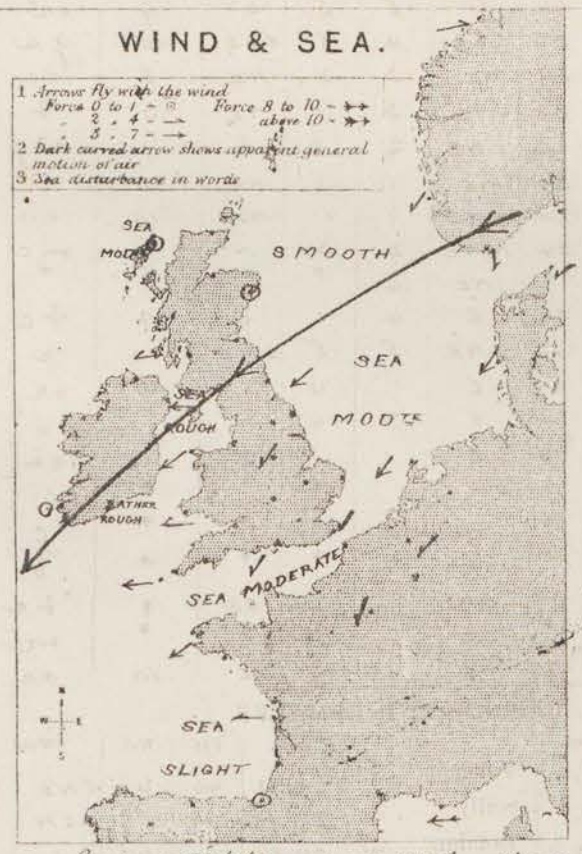
A slight rise of the barometer has now taken place throughout our Islands, while on the Continent it has again fallen, most in the south of France. The highest readings reported are in the north of Scotland. The gradient from Shields to Scilly is 0·03 in. per 50 miles.

TEMPERATURE.



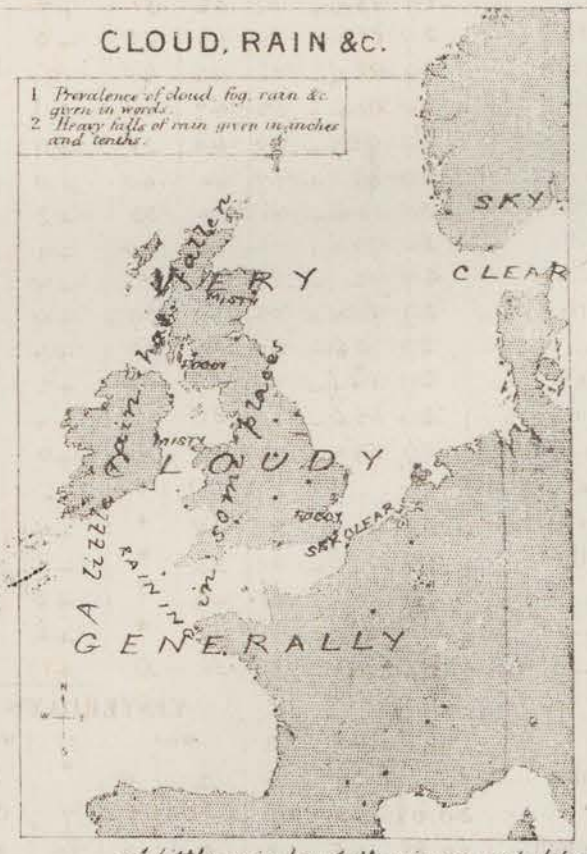
Temperature has risen several degrees in the central and south eastern parts of England, and to a less extent at the Continental stations: elsewhere there has been little change.

WIND & SEA.



Moderate NNE breezes are reported from the eastern shores of the North Sea, and light ones from the south east of England, while light to moderate E winds prevail elsewhere. At Donaghadee, however, a very strong breeze is reported locally; and the E gale still holds at Toulon. The sea is rough at Donaghadee, rather so at Roche, moderate or slight elsewhere.

CLOUD, RAIN &c.



Little rain has fallen in several places, and continues at our south western stations and in the west of France. The sky is very cloudy generally, with fog and mist at a few of our stations.

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Meteorological Office
116, Victoria Strt. Westminster S.W.
ROBERT H. SCOTT, Director.

Vincent Brooks Day & Son Ltd. London W.C.

Saturday 8 a.m. **WEATHER REPORT.** Nov 15th 1873.

STATIONS.	BAROMETER At 8 A.M. Reduced to 32° F. at the Mean Sea Level.	BAROMETER Change since yesterday.	THERMOMETERS (In shade). At 8 A.M. Dry bulb.	At 8 A.M. Wet bulb.	Change in the dry bulb since yesterday.	In past 24 hours. Max.	In past 24 hours. Min.	WIND At 8 A.M. Direc.	At 8 A.M. Force (0 to 12.)	Extreme. Force (0 to 12.)	Extreme. Direc.	Amount of Cloud 0 to 10.	Weather. By Beaufort Scale	Rainfall. In past 24 Hours.	Sea Disturbance 0 to 9.
Haparanda ...	30.02	·00	9	9	−1	*	*	SE	2	2	N	*	c	*	*
Hernösand ...	30.02	− ·07	23	22	+1	*	*	SW	4	2	N	*	s	*	*
Stockholm ...	30.17	+ ·15	23	23	−4	*	*	W	2	4	N	*	o	*	*
Wisby	30.26	+ ·24	31	30	−6	*	*	N	6	8	N	*	sc	*	*
Christiansund ...	29.93	− ·24	43	41	+8	*	*	NSW	8	6	SW	*	o	*	7
Skudesnaes ...	30.26	+ ·11	39	39	+5	*	*	NW	4	2	ENE	*	br	*	1
Oxö (X'tiansand)	30.16	+ ·04	36	33	+3	*	*	SW	4	2	NNW	*	bc	*	2
Skagen (The Skaw)						*	*			*	*	*		*	*
Fanö						*	*			*	*	*		*	*
Cuxhaven ...	30.35r	+ ·41	34	33	−2	38	?	NE	3	5	NE	0	ob	−	?
Sumburgh Head Stornoway (Hebrides)	30.45r	+ ·23	35	34	−5	43	29	NW	1	1	E	10	bo	−	2
Thurso... ...	?30.39r	+ ·16	43	40	+1	44	32	N	1	2	ENE	10	o	−	1
Wick	30.42r	+ ·16	36	35	−7	43	30	2	0	1	E	10	o	−	0
Nairn	30.45r	+ ·21	32	30	−4	41	30	W	1	1	W	0	mb	−	1
Aberdeen ...	30.42r	+ ·23	37	36	−5	44	37	WSW	1	1	NNE	0	obm	−	1
Leith	30.45r	+ ·26	43	42	0	47	42	S	1	3	E	9	po	0.01	*
Shields... ...	30.42r	+ ·30	45	41	0	45	44	SE	3	5	ENE	6	gc	−	3
York	30.41r	+ ·32	42	39	+2	45	?39	ENE	1	1	NE	10	co	−	*
Scarborough ...	30.41r	+ ·32	45	43	+2	?47	43	ENE	2	4	ENE	?7	oc	−	3
Nottingham ...	30.38r	+ ·34	43	40	+1	45	42	ENE	3	5	E	10	om	−	*
Ardrossan ...	30.46r	+ ·31	41	39	−1	47	41	E	1	3	NE	5	m	−	0
Greencastle ...	30.44r	+ ·33	43	40	+1	45	41	E	4	4	E	10	go	−	*
Donaghadee ...	30.41r	+ ·33	43	42	−1	48	43	E	5	7	E	4	c	−	5
Kingstown ...	30.36r	+ ·38	45	42	−2	49	45	ENE	5	7	ENE	8	mo	−	5
Holyhead ...	30.33r	+ ·39	41	40	−2	45	41	ENE	3	5	ENE	3	mb	−	3
Liverpool (Bidston Obs.)	30.44r	+ ·36	41	39	+1	44	40	ENE	3	5	ENE	9	om	−	2
Valencia ...	30.24r	+ ·39	48	45	+2	51	43	SE	4	5	SE	7	mc	0.02	4
Roche's Point ...	30.25r	+ ·41	47	44	−2	50	45	ESE	6	6	ESE	9	o	0.07	5
Pembroke ...	30.29r	+ ·40	40	38	−4	47	40	ENE	3	5	E	7	mc	0.01	2
Portishead ...	30.31r	+ ·38	43	40	+2	48	39	E	5	6	ENE	7	gc	−	3
Scilly	30.12r	+ ·37	50	48	−2	52	49	E	7	7	E	7	oc	0.35	6
Plymouth ...	30.21r	+ ·40	43	41	−3	49	42	E	5	7	E	6	gc	0.03	*
Portsmouth ...	30.28r	+ ·36	42	40	0	49	39	NE	3	5	NE	2	cb	−	2
Dover	30.28r	+ ·37	43	39	−4	51	41	ENE	6	7	NE	3	gb	−	4
London ...	30.30r	+ ·35	42	38	+2	49	40	ENE	4	5	ENE	4	ogc	−	*
Oxford... ...	30.33	+ ·35	41	38	0	46	41	NNE	1	2	NNE	10	o	−	*
Cambridge ...	30.37r	+ ·37	39	37	+6	45	32	NNE	1	1	NNE	3	ob	−	*
Yarmouth ...	30.35r	+ ·36	44	41	−1	47	42	ENE	3	5	E	5	oc	−	4
Helder... ...	30.34	+ ·42	38	*	−5	*	*	E	6	*	*	*	*	*	2
Cape Gris Nez...	30.24r	+ ·34	35	33	−6	51	35	E	5	5	E	2	cb	−	4
Brest	30.04r	+ ·35	46	44	−4	55	44	E	5	5	ENE	10	o	0.16	4
L'Orient ...	30.02r	+ ·38	44	42	−6	52	43	E	5	5	E	9	o	−	3
Rochefort ...	29.91r	+ ·26	43	41	−8	61	41	E	5	3	E	5	oc	−	3
Biarritz ...	29.87r	+ ·29	54	52	+2	56	48	SE	3	4	W	9	f	−	3
Corunna ...				*		*	*			*	*	*		*	
Brussels ...	30.26	+ ·34	36	*	−2	*	*	NNE	3	*	*	*	b	*	*
Charleville ...	30.25	+ ·33	36	*	+1	*	*	NE	3	*	*	*	b	*	*
Paris	30.12r	+ ·29	39	?	−1	50	39	NNE	4	7	NE	10	bo	−	*
Lyons	?		50	*	−1	*	*	NNE	3	*	*	*	b	*	*
Toulon... ...	29.71r	+ ·08	50	48	−1	54	50	E	1	9	E	3	rc	0.63	4

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar	Dry	Wet.	Wind.		C.	Wea	Sea.
Skudesnaes ...	30.22	35	34	Z	0	*	b	1
Thurso ...	30.28	43	40	Z	0	7	c	1
Scarborough...	30.14	47	45	E	4	10	o	4
Greencastle ...	30.18	45	42	E	4	10	g	*
Holyhead ...	30.64	44	42	ENE	5	2	m	4

	Bar	Dry.	Wet	Wind		C	Wea
Valencia ...	29.90	50	48	SE	5	8	g
Scilly ...	29.80	51	50	E	6	9	o
London ...	29.99	48	45	NE	3	10	bc
Rochefort ...	29.69	59	54	ESE	3	10	[illegible]

Pressure has increased generally; but scarcely any other change is reported. —

EXPLANATION OF COLUMNS.

BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER**; *Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. [illegible]

* AN ASTERISK is inserted in all places for which no information is received. The "extreme" wind for the Swedish and Norwegian Stations is an observation taken at 8 p.m.

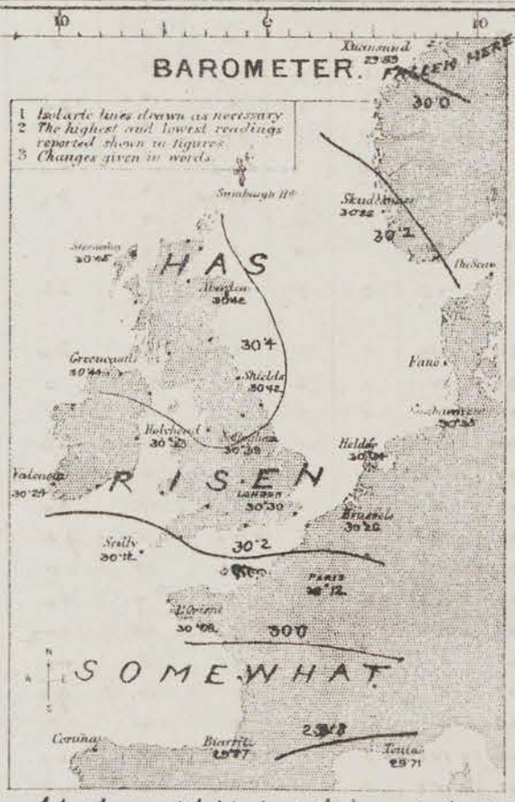
N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS

AND REMARKS FOR

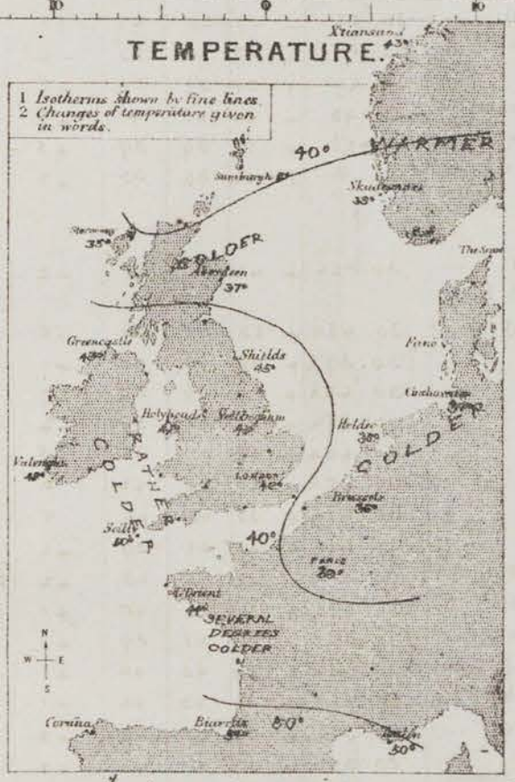
SATURDAY 15th NOVEMBER 1873 AT 8 A.M.

BAROMETER.



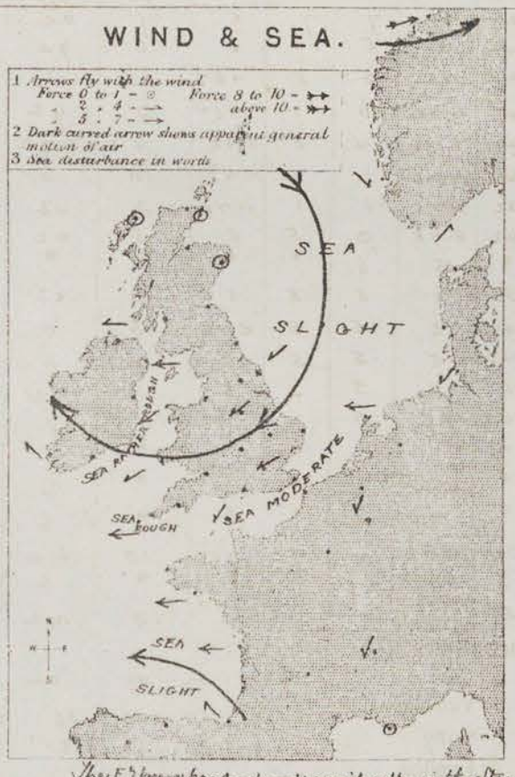
A further and brisk rise of the barometer has taken place in the west and north west of our Islands, extending in a less degree to all other stations except Christiansund, where the mercury has fallen a quarter of an inch. The south eastern portion of an area of high pressure now lies over North Britain; the gradient from Liverpool to Brest being 0·07 in., while that from Brest to Christiansund is 0·06 in. per 50 miles.

TEMPERATURE.



Temperature has decreased several degrees in Scotland and at several of the southern and south eastern stations, increased in Norway.

WIND & SEA.



The E^ly breeze has freshened considerably in the Straits of Dover and at our south western stations, and blows into SE over the south of Ireland; while calms have become prevalent in Scotland, and W^ly winds (blowing a gale at Christiansund) are reported from Norway. The E^ly gale has Lowson has died down.

The sea is high at Christiansund, rough at Scilly, rather so all along the east coast of Ireland, moderate to slight in most other places, but calm on the Scotch coasts.

CLOUD, RAIN &c.

A little rain fell in the south-west yesterday. The sky is clear in the south east, very cloudy generally elsewhere.

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Meteorological Office
116, Victoria Str^t, Westminster, S.W.
ROBERT H. SCOTT, Director.

Vincent Brooks Day & Son Lith. London W.C.

SUMMARY OF WEATHER IN WESTERN EUROPE

from November 9th to November 15th 1873.

(Issued Weekly as a Supplement to the "Daily Weather Report.")

The disturbed weather which marked the close of last week continued during the first few days of that now under review. In consequence of the depression which was advancing on the W. coast of France during the 8th, the E. winds increased considerably throughout England, Ireland & the N. of France, blowing a strong gale at our E. stations on the 9th, and in the Irish Sea by the following night. The centre of the depression then travelled NW., reaching Scilly by 8 am. of the 10th, and disappeared entirely during the day. From this time till the 12th readings were highest over the North Sea and Denmark, but the general distribution of pressure gradually became changed, and during the 14th & 15th the highest readings were found at our N. and NW. stations and the lowest over Spain and Scandinavia. The prevalent winds since the 10th have been E., moderate to fresh in strength, but W. breezes showed themselves in Norway during the latter half of the week, increasing to a gale at Christiansund. The weather though cloudy, has been dry since the 11th, but a great deal of thick fog prevailed over England on the 13th.

Nov 9th — The centre of the depression noticed over the Bay of Biscay on the 8th had reached the French coast, near Rochefort, where the mercury had fallen a quarter of an inch in the 24 hrs., while on the E. shores of the North Sea it had risen nearly half an inch. The E. wind had risen considerably throughout England and had already reached the force of a gale on our E & SE coasts, which subsequently extended to the Irish Sea; while a rather strong N. wind was felt at Cromer, and strong W. breezes in the SW. of France. Temperature rose at almost all stations and a great deal of rain fell in the S. — less elsewhere — with hail at Aberdeen. Lightning had been seen at Scilly. During the day the wind reached the velocity of 60 miles an hour at Yarmouth, and exceeded 50 miles at Holyhead both in the evening and early on the following morning.

Nov 10th A singular change had occurred in the direction pursued by the centre, which had moved NW. during the night, and now lay near the Scilly Islands. The depression had also become much less marked, so that although it had approached so much nearer to us, and the mercury continued high in the N & NE, the winds actually subsided to a fresh or strong breeze on our E. coasts and very shortly after in the Irish Sea also. At our S. stations it veered to SE, while variable W. breezes were felt in the W. of France. Temperature changed very irregularly; and the sky remained overcast. During the day the disturbance passed to the NW. of Scilly, light SW. breezes set in for a time at the mouth of the Channel, and the barometer rose generally. —

Nov 11th — All trace of the centre of disturbance had disappeared. Barometrical readings varied from about 30.5 ins. on the E. shores of the North Sea to 29.8 ins. over the N. of Spain; and the mercury was falling slowly both in the N. of Scotland and S. of France. Moderate E. breezes still prevailed over France and England, falling light and drawing into SE or S. at our W. and N. stations, while a fresh WSW. gale was reported from Christiansund. Temperature fell several degrees in France, the S. and central parts of England, and the N. of Scotland. The sky though cloudy generally was less so than of late. In the course of the day the fall of the mercury became general, but slow, and the weather was dry. —

Nov 12th — The barometer had fallen slightly everywhere, but the change had been very uniform. Readings were highest over Holstein and the North Sea, lowest over the Bay of Biscay, the gradient from Shields to Brest being 0·05 in per 50 mls. Southerly airs were felt in the N. of Scotland and a moderate SW^{ly} breeze at Christiansund, while light SE^{ly} winds were blowing at many of the French stations, with moderate E^{ly} breezes in England and NE^{ly} in Ireland. Temperature fell very generally. The sky became clear in the S & SE, but continued cloudy in the N., where, too, fog or haze prevailed. —

Nov 13th — The barometer had continued to fall everywhere, most at the Irish stations and over the North Sea. At 8 am. pressure was, on the whole, highest in the North and lowest in the S.; but in the latter region considerable irregularity was reported. A shallow depression lay at the mouth of St Georges Channel, causing moderate NE^{ly} breezes in the S. of Ireland at the same time that a SW wind was felt at Scilly; a second centre apparently lay over the Bay of Biscay causing SE^{ly} to E^{ly} winds in the W. of France; while in the SE of England variable airs and calms were reported. Elsewhere the wind was generally E^{ly} or NE^{ly} — except at Christiansund and the Scaw. Temperature rose in most places but fell considerably over the central and SE^{rn} parts of England; and though the sky was moderately clear on the E^{rn} shores of the North Sea, it was very cloudy in our Islands, with a great deal of dense fog in the SE. During the day some rain fell in the SW. and N.

Nov 14th. — A recovery of pressure had now commenced over the United Kingdom though a further decrease was noticed on the continent. Readings became much more regular in the S. than on the 13th — but there was a difference of 0·78 in. between those at Wick and Biarritz. Light to moderate NE^{ly} winds were general, but blowing rather strongly, locally, at Fair & Donaghadee, and drawing more into E over Ireland than elsewhere. Temperature had recovered quickly over central & SE^{rn} England as the fog cleared, and also rose slightly in France, as well as at several of the Irish and Scotch stations. A great deal of cloud still prevailed over the British Isles and rain fell on our SW. coasts; but on the E^{rn} shores of the North Sea the sky was clear. Towards night the E^{ly} breeze freshened slightly — most on the E. coast of Ireland and at Scilly. —

Nov 15th — The increase of pressure had become general except at Christiansund and had been brisk at all but the Danish and Norwegian and S^{rn} French stations. The SE^{rn} portion of a large Anticyclone appeared over the N of our Islands, accompanied by a fall of temperature and variable airs. In Norway and the N. of Denmark the wind circulated round some disturbance lying to the N^{rn} of Christiansund, while an E^{ly} breeze prevailed over England and France, which freshened considerably at the SW^{rn} stations, and drew into SE over the S of Ireland. The sky was still cloudy in the N. but became clear in the NE & SE, while at the Swedish stations snow fell. —

Meteorological Office
116. Victoria Str^{t}. Westminster S.W.
ROBERT H. SCOTT. Director.

Sun-day 8 a.m. **WEATHER REPORT.** Nov 16th 1873.

STATIONS.	BAROMETER. At 8 A.M. Reduced to 32° F. at the Mean Sea Level.	BAROMETER. Change since yesterday.	THERMOMETERS. (In shade). At 8 A.M. Dry bulb.	THERMOMETERS. At 8 A.M. Wet bulb.	THERMOMETERS. Change in the dry bulb since yesterday.	THERMOMETERS. In past 24 hours. Max.	THERMOMETERS. In past 24 hours. Min.	WIND. At 8 A.M. Direc.	WIND. At 8 A.M. Force. (0 to 12.)	WIND. Extreme. Force. (0 to 12.)	WIND. Extreme. Direc.	Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Disturbance. 0 to 9.
Haparanda ...	29.65	-.37	32	32	+23	*	*	SW	8	6	S	*	o	*	*
Hernösand ...	29.90	-.12	31	30	+8	*	*	SW	2	0	Z	*	c	*	*
Stockholm ...	29.99	-.18	31	31	+8	*	*	W	2	2	SW	*	o	*	*
Wisby	30.04	-.22	37	35	+6	*	*	N	2	6	SW	*	o	*	*
Christiansund ...	30.36	+.43	45	43	+2	*	*	NSW	8	6	NNW	*	c	*	7
Skudesnaes ...	30.28	+.02	43	41	+4	*	*	NNW	4	6	NNW	*	o	*	3
Oxö (X'tiansand)	30.15	-.01	37	36	+1	*	*	NNW	2	6	NNW	*	bc	*	2
Skagen (The Skaw)	30.17	-.04	36	35	0	*	*	N	2	*	*	*	c	*	*
Fanö	30.15	-.18	43	42	+16	*	*	N	4	*	*	*	b	*	*
Cuxhaven ...	30.16f	-.19	43	43	+9	?	32	NNW	3	3	NSW	3	rb	0.03	?
Sumburgh Head															
Stornoway (Hebrides.)	30.54r	+.09	41	39	+6	43	34	Z	0	1	NNW	10	og	-	1
Thurso... ...	30.45r	?+.06	45	42	+2	46	42	NNW	4	4	NNW	9	o	-	3
Wick	30.48r	+.06	39	37	+3	45	35	SE	3	3	NW	10	o	-	0
Nairn															
Aberdeen ...	30.50r	+.08	41	39	+4	42	35	NW	2	2	NW	9	bo	-	1
Leith	30.56r	+.11	32	32	~~+11~~	48	27	W	2	2	W	3	cm	-	*
Shields... ...	30.52r	+.10	42	39	-3	46	38	NNW	3	3	ENE	7	cm	-	3
York	30.51r	+.10	39	37	-3	48	30	N	1	1	ENE	10	co	-	*
Scarborough ...	30.49r	+.08	46	43	+1	46	41	N	3	2	NNE	10	co	-	4
Nottingham ...	30.52r	+.14	41	39	-2	49	34	N	2	5	E	10	cm	-	*
Ardrossan ...	30.57r	+.11	34	32	-7	47	31	E	2	1	W	5	f	-	1
Greencastle ...	30.57r	+.13	42	41	-1	44	39	Z	0	4	E	10	cg	-	*
Donaghadee ...	30.54r	+.13	41	40	-2	50	32	E	3	5	E	7	c	-	2
Kingstown ...	30.52r	+.16	46	43	+1	48	44	NE	3	5	ENE	6	bc	-	3
Holyhead ...	?30.48r	?+.15	36	35	-5	47	35	ENE	1	3	ENE	1	b	-	1
Liverpool (Bidston Obs.)	30.56r	+.12	36	34	-5	46	33	S	1	3	ESE	2	mf	-	1
Valencia ...	30.48r	+.24	43	40	-5	52	41	ESE	3	4	ESE	3	cb	-	2
Roche's Point ...	30.44r	+.19	47	44	0	49	40	ESE	5	6	ESE	8	oc	-	4
Pembroke ...	30.49r	+.20	37	35	-3	46	35	ENE	2	4	E	3	bm	-	2
Portishead ...	30.48r	+.17	39	38	-4	45	35	ENE	4	6	ENE	10	co	-	3
Scilly	30.39r	+.27	47	45	-3	50	45	E	5	7	E	7	c	-	5
Plymouth ...	30.41r	+.20	40	38	-3	47	38	NE	2	4	E	1	b	-	*
Portsmouth ...	30.48r	+.20	43	40	+1	48	37	NE	1	4	NE	8	bo	-	1
Dover	30.42r	+.14	44	42	+1	46	41	NNE	4	6	E	10	bg	-	3
London ...	30.45r	+.15	42	40	0	47	40	NE	2	4	ENE	10	cbo	-	*
Oxford... ...	30.49	+.16	40	38	-1	45	34	N	1	2	ENE	10	co	-	*
Cambridge ...	30.47r	+.10	40	39	+1	46	34	NNW	1	1	NE	10	bg	-	*
Yarmouth ...	30.41r	+.06	46	44	+2	47	42	N	3	3	ENE	6	c	-	3
Helder				*		*	*			*	*	*	*	*	
Cape Gris Nez...	30.37r	+.13	43	41	+8	43	34	NE	4	5	E	10	bo	-	2
Brest	30.33r	+.29	36	34	-10	52	34	NE	3	5	E	1	ob	-	3
L'Orient ...	30.27r	+.25	35	33	-9	41	35	ENE	5	5	ENE	1	b	-	3
Rochefort ...	30.18r	+.27	34	32	-9	53	32	NE	5	5	ENE	1	b	-	3
Biarritz ...	30.12r	+.26	39	37	-15	58	37	E	3	3	SE	5	mf	-	3
Corunna ...				*		*	*			*	*	*		*	
Brussels ...	30.38	+.12	36	*	0	*	*	NE	3	*	*	*	or	*	*
Charleville ...	30.32	+.07	32	*	-4	*	*	NE	3	*	*	*	b	*	*
Paris	30.36r	+.24	32	?	-7	42	28	NNE	3	?	?	0	-f	-	*
Lyons	?		45	*	-5	*	*	N	3	*	*	*	o	*	*
Toulon... ...	29.93r	+.22	52	50	+2	56	49	NW	1	4	E	4	fb	0.08	3

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		C.	Wea.	Sea.
Skudesnaes ...	30.14	44	43	NNW	6	*	r	3
Thurso ...	30.41	44	41	NNW	2	8	o	2
Scarborough...	30.43	46	43	NNE	2	7	c	3
Greencastle ...	30.47	44	41	E	2	7	c	*
Holyhead ...	30.36	46	43	ENE	3	0	b	3

	Bar.	Dry.	Wet.	Wind.		C.	Wea.	Sea.
Valencia ...	30.28	48	44	ESE	4	4	c	4
Scilly ...	30.22	49	46	E	6	7	c	6
London ...	30.36	45	40	ENE	*	2	cb	*
Rochefort ...	29.97	51	46	ENE	5	0	b	3

The barometer has continued to rise slowly at all stations, most in the NW & S. The E^r wind has decreased slightly in the S. of England. —

EXPLANATION OF COLUMNS.

BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER**: *Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; ~~m~~gly threatening; v. visibility, unusual transparency; w. wet, dew.

* AN ASTERISK is inserted in all places for which no information is received. The "extreme" wind for the Swedish and Norwegian Stations is an observation taken at 8 p.m.

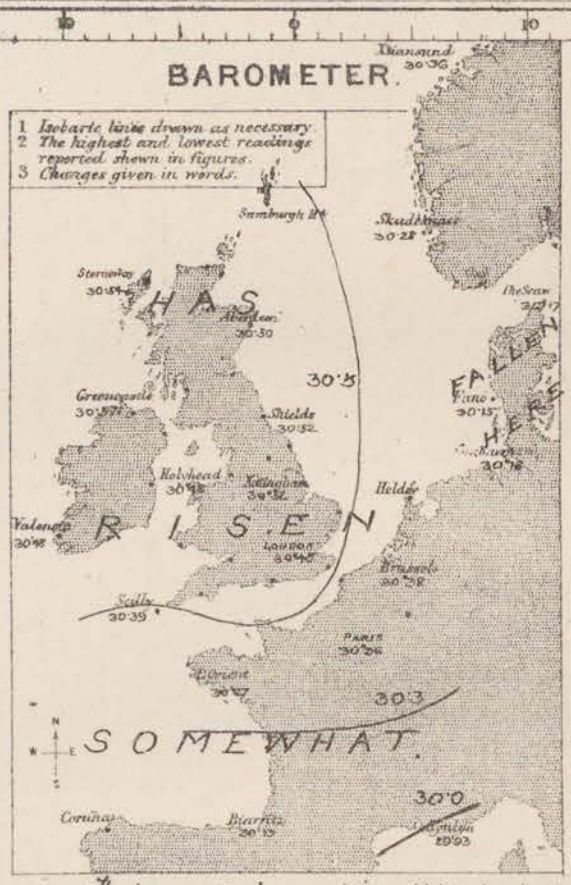
N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS

AND REMARKS FOR

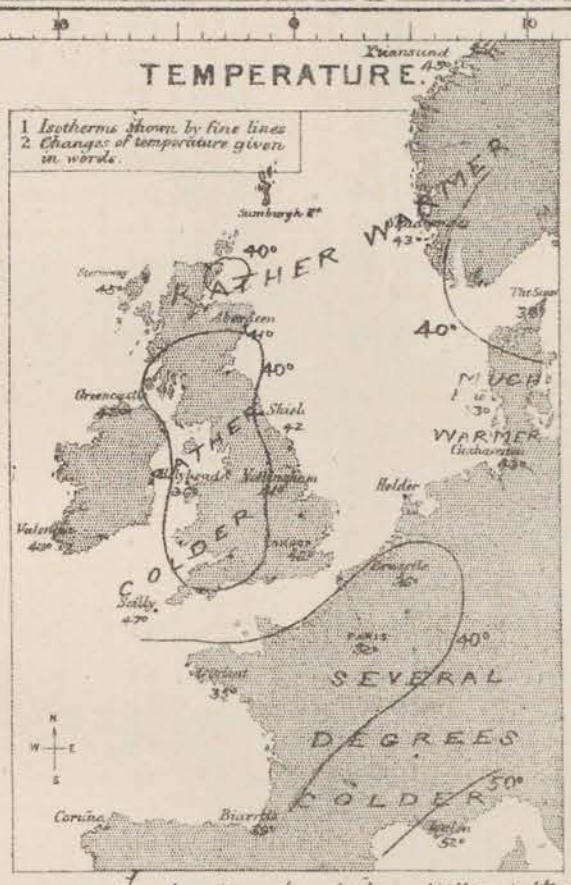
SUNDAY 16TH NOVEMBER 1873 AT 8 A.M.

BAROMETER.



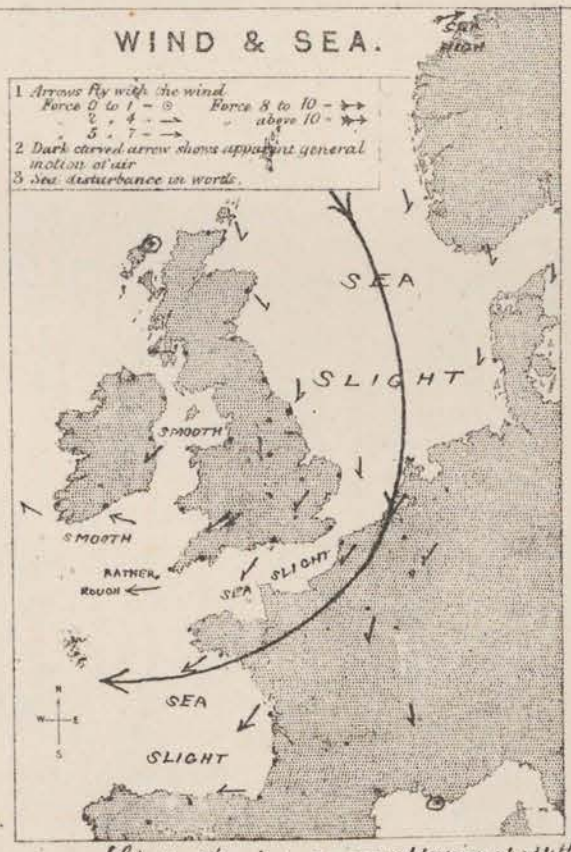
The barometer has continued to rise during the past day in our Islands and France – most at the southern stations, but in Denmark and the north of Germany a decrease has occurred. Pressure is high and rather uniform over the British Isles, and the gradients from Shields to Yarmouth, and from Portsmouth to Rochefort are 0·05 in per 50 miles.

TEMPERATURE.



Temperature has fallen a little in the west of England, and many degrees in France; but elsewhere a rise has taken place, especially in Denmark

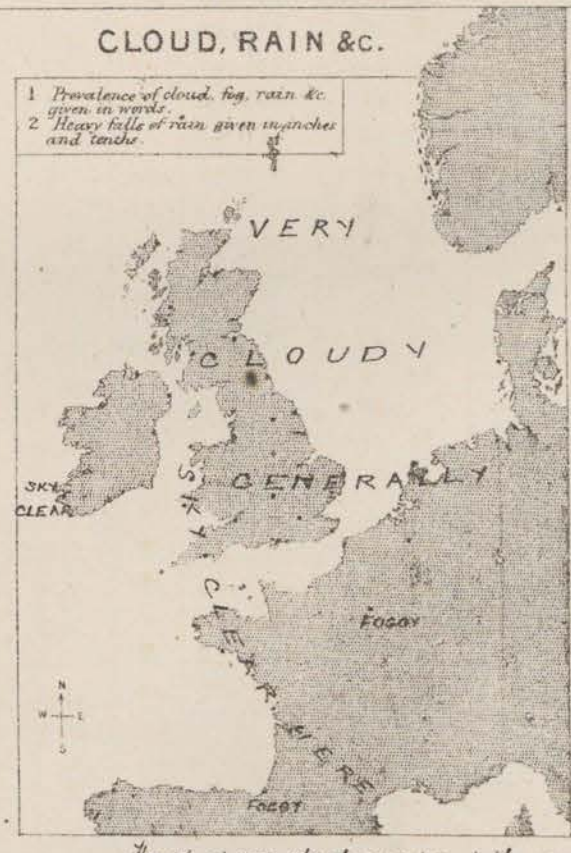
WIND & SEA.



Light N^th winds are now blowing at all the eastern stations, drawing round to NE in the south-east, and to moderate or rather fresh E^ly breezes in the south-west of our Islands and west of France. At Christiansund the 10th gale still holds.

The sea is high at Christiansund and rather rough at Scilly, but moderate to smooth elsewhere.

CLOUD, RAIN &c.



The sky is very cloudy except in the west of England and south-west of France, where it is moderately clear.

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Meteorological Office
116, Victoria Str^t. Westminster S.W.
ROBERT H. SCOTT, Director.

Vincent Brooks Day & Son Lith. London W.C.

Mon- day 8 a.m

WEATHER REPORT.

Nov 17th 1873.

STATIONS.	BAROMETER. At 8 A.M. — Reduced to 32° F. at the Mean Sea Level.	BAROMETER. Change since yesterday.	THERMOMETERS. (In shade). At 8 A.M. Dry bulb.	THERMOMETERS. At 8 A.M. Wet bulb.	THERMOMETERS. Change in the dry bulb since yesterday.	THERMOMETERS. In past 24 hours. Max.	THERMOMETERS. In past 24 hours. Min.	WIND. At 8 A.M. Direc.	WIND. At 8 A.M. Force. — (0 to 12.)	WIND. Extreme. Force. — (0 to 12.)	WIND. Extreme. Direc.	Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Disturbance 0 to 9.
Haparanda ...	29.36	-.29	27	27	-5	*	*	NW	6	8	SW	*	b	*	*
Hernösand ...	29.60	-.30	40	35	+9	*	*	NW	8	10	NNW	*	o	*	*
Stockholm ...	29.65	-.34	40	35	+9	*	*	NNW	4	4	W	*	c	*	*
Wisby	29.80	-.24	42	39	+5	*	*	N	6	6	NW	*	cb	*	*
Christiansund ...	30.01	-.35	44	42	-1	*	*	NNW	9	10	WSW	*	ro	*	8
Skudesnaes ...	30.21	-.07	46	40	+2	*	*	NNW	6	6	NNW	*	o	*	3
Oxö (Christiansand)	? 29.99	-.16	43	38	+6	*	*	NNW	6	4	W	*	b	*	3
Skagen (The Skaw)	29.99	-.18	44	41	+8	*	*	NW	4	*	*	*	b	*	*
Fanö	30.13	-.02	45	42	+2	*	*	NW	6	*	*	*	o	*	*
Cuxhaven ...	30.19f	+.03	45	44	+2	?	37	N	3	3	WSW	9	bo	-	?
Sumburgh Head															
Stornoway (Hebrides.)	30.51f	-.03	41	39	0	43	34	W	1	1	NW	10	oq	-	1
Thurso... ...	30.43f	-.02	46	44	+1	47	45	NNW	2	4	NNW	9	o	-	2
Wick	30.45f	-.03	44	42	+5	45	42	NW	1	2	NW	9	o	-	0
Nairn	30.51f		40	38		41	33	N	1	1	W	8	om	-	1
Aberdeen ...	30.47f	-.03	44	41	+3	44	41	NNW	1	2	NW	9	om	-	1
Leith	30.58f	+.02	32	31	0	37	30	W	3	3	W	9	o	-	*
Shields... ...	30.52f	-.00	41	39	-1	43	41	NNW	2	3	NW	7	cm	-	2
York	30.52f	+.01	40	38	+1	43	38	NW	1	2	NW	10	o	-	*
Scarborough ...	30.48f	-.01	45	42	-1	46	44	N	3	3	N	10	o	-	4
Nottingham ...	30.53f	+.01	42	40	+1	45	40	NNW	2	3	N	10	om	-	*
Ardrossan ...	30.58z	+.01	33	32	-1	37	33	E	2	3	NE	8	f	-	1
Greencastle ...	30.54f	-.03	41	39	-1	43	40	N	1	2	NNE	10	q	-	*
Donaghadee ...	30.54f	.00	41	39	0	43	40	NE	3	3	E	10	co	-	2
Kingstown ...	30.54f	+.02	44	41	-2	48	44	ESE	2	3	NE	10	m	-	2
Holyhead ...	? 30.46f	-.02	39	37	+3	48	35	ENE	2	3	ENE	10	bo	-	1
Liverpool (Bidston Obs.)	30.56f	.00	37	35	+1	42	35	NE	1	2	NE	10	m	-	1
Valencia ...	30.46f	-.02	43	41	0	50	39	ESE	2	3	ESE	7	c	-	3
Roche's Point ...	30.46f	+.02	47	45	0	49	43	E	5	5	ESE	9	co	-	4
Pembroke ...	30.50f	+.01	42	39	+5	44	36	NE	2	3	ENE	10	co	-	1
Portishead ...	30.48s	.00	42	41	+3	45	37	ENE	3	5	ENE	10	oq	-	2
Scilly	30.39f	.00	48	46	+1	49	43	ENE	5	6	ENE	8	co	-	4
Plymouth ...	30.44f	+.03	43	42	+3	45	40	ENE	2	3	ENE	10	o	-	*
Portsmouth ...	30.47s	-.01	43	41	0	45	40	NE	1	2	NE	9	o	-	1
Dover	30.45z	+.03	44	43	0	47	42	NE	4	4	NE	7	bc	0.02	3
London ...	30.47z	+.02	42	41	0	46	41	NNE	2	2	NE	10	o	-	*
Oxford... ...	30.50	+.01	40	40	0	45	40	N	1	2	NNE	10	om	-	*
Cambridge ...	30.46f	-.01	41	40	+1	45	38	NW	1	1	NW	10	qo	0.04	*
Yarmouth ...	30.43z	+.02	44	44	-2	48	42	NNW	3	4	N	6	md	0.06	4
Helder... ...	30.34		45	*		*	*	NNW	6	*	*	*	*	*	2
Cape Gris Nez...	30.46f	+.04	45	45	+2	49	42	ENE	4	5	NE	10	or	0.24	3
Brest	30.36f	+.03	43	41	+7	49	34	E	5	5	ENE	1	b	-	2
L'Orient ...	30.23f	+.01	40	38	+5	42	35	E	5	7	ENE	2	b	-	3
Rochefort ...	30.13f	-.05	37	35	+3	46	32	E	5	5	ENE	10	b	-	3
Biarritz ...	30.14f	+.01	41	39	+2	47	38	E	4	3	E	4	f	-	3
Corunna ...				*		*	*			*	*	*		*	
Brussels ...	30.40	+.02	48	*	+12	*	*	ESE	3	*	*	*	c	*	*
Charleville ...	30.43	+.11	39	*	+7	*	*	NE	3	*	*	*	f	*	*
Paris	39.39z	+.03	43	?	+11	44	39	NE	3	?	?	9	m	-	*
Lyons	?		41	*	-4	*	*	N	3	*	*	*	b	*	*
Toulon... ...	30.09z	+.16	47	42	-5	57	47	E	5	1	NW	5	fc	-	4

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		C.	Wea.	Sea.
Skudesnaes ...	30.25	45	44	NNW	6	*	o	3
Thurso ...								
Scarborough...								
Greencastle ...								*
Holyhead ...								

	Bar.	Dry.	Wet.	Wind.		C.	Wea.	Sea.
Valencia ...								
Scilly ...								*
London ...								
Rochefort ...	30.16	44	39	ENE	5	0	b	3

EXPLANATION OF COLUMNS.

BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER**: *Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. wet, dew.

* AN ASTERISK is inserted in all places for which no information is received. The "extreme" wind for the Swedish and Norwegian Stations is an observation taken at 8 p.m.

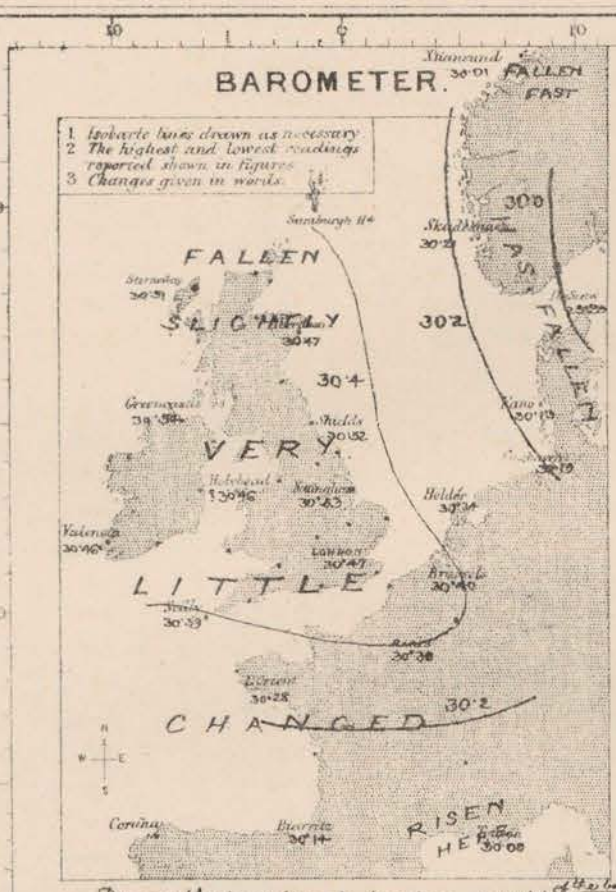
N.B. The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS

AND REMARKS FOR

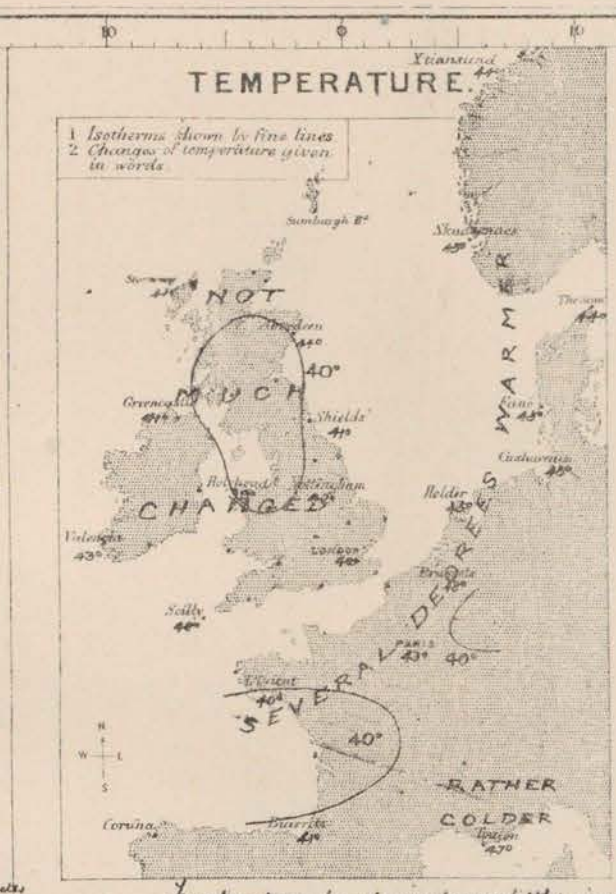
MONDAY 17th NOVEMBER 1873 AT 8 A.M.

BAROMETER.



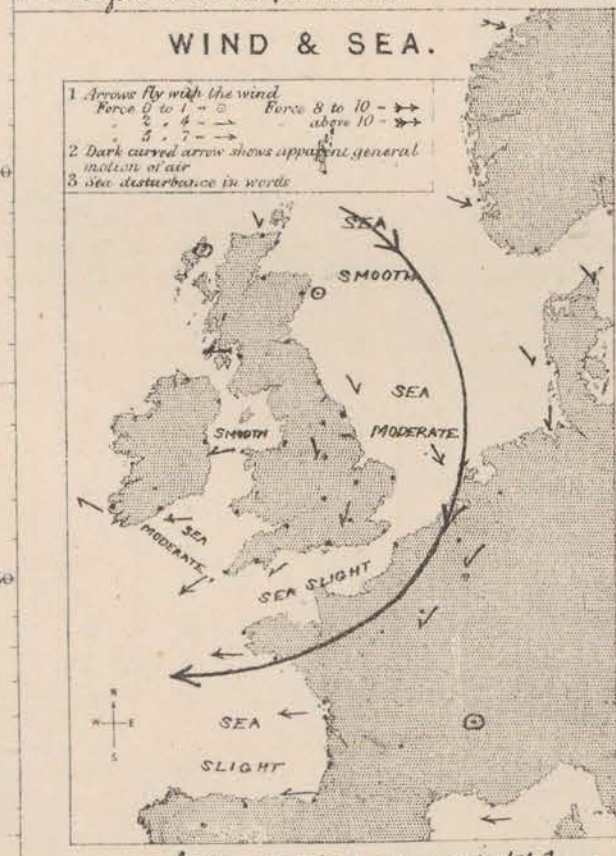
During the past twenty-four hours a sudden fall of the barometer has taken place in Norway, and extended in a less degree to the Scotch coasts. Over the remainder of our Islands very little change has occurred, while in the south of France the barometer has risen. Pressure is still highest in the north and north-west of the United Kingdom, the gradient from Shields to the Scaw being 0·07 in., while that from Portsmouth to Rochefort is 0·06 in. per 50 miles.

TEMPERATURE.



Temperature has changed very little in our Islands, but has risen considerably at the Continental Stations, except in the north of France.

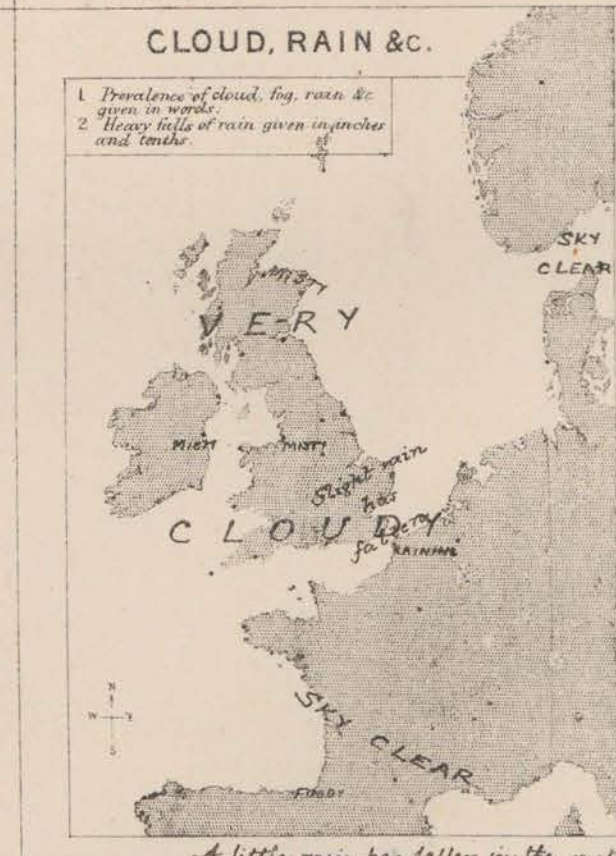
WIND & SEA.



A strong WNW gale is now reported from Christiansund, and moderate to fresh NW winds from the eastern shores of the North Sea. On our eastern coasts the wind is light from the N^ward, but draws into E at our southern, south-western, and the French stations.

The sea is moderate to smooth except at Christiansund.

CLOUD, RAIN &c.



A little rain has fallen in the south.

The weather is now very cloudy throughout our Islands, clear in the west of France and over the Skager Rack.

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Meteorological Office
116, Victoria Strt. Westminster S.W.
ROBERT H. SCOTT, Director.

Vincent Brooks Day & Son Lith. London W.C.

Tues-day 8 a.m. WEATHER REPORT. Nov.r 18th 1873.

STATIONS.	BAROMETER. At 8 A.M. — Reduced to 32° F. at the Mean Sea Level.	BAROMETER. Change since yesterday.	THERMOMETERS. (In shade). At 8 A.M. Dry bulb.	At 8 A.M. Wet bulb.	Change in the dry bulb since yesterday.	In past 24 hours. Max.	In past 24 hours. Min.	WIND. At 8 A.M. Direc.	At 8 A.M. Force. (0 to 12.)	Extreme. Force. (0 to 12.)	Extreme. Direc.	Amount of Cloud 0 to 10.	Weather. — By Beaufort Scale.	Rainfall. — In past 24 Hours.	Sea Disturbance 0 to 9.
Haparanda ...	29.81	+ .45	17	16	−10	*	*	N	4	?	NW	*	c	*	*
Hernösand ...	30.01	+ .41	24	24	−16	*	*	NW	2	6	NNW	*	b	*	*
Stockholm ...	29.94	+ .29	29	28	−11	*	*	NNW	2	4	NW	*	c	*	*
Wisby	29.83	+ .03	34	33	−8	*	*	NE	6	8	NW	*	bs	*	*
Christiansund ...	30.12	+ .11	43	41	−1	*	*	NSW	6	6	NNW	*	ro	*	6
Skudesnaes ...	30.20	− .01	47	45	+2	*	*	NW	6	6	NW	*	c	*	2
Oxö (X'tiansand)	30.08	+ .09	45	40	+2	*	*	NW	2	6	NW	*	ob	*	2
Skagen (The Skaw)	30.06	+ .07	45	44	+1	*	*	N	2	*	*	*	c	*	*
Fanö	30.12	− .01	43	43	−2	*	*	NNW	4	*	*	*	c	*	*
Cuxhaven ...	30.16f	− .03	46	45	+1	?	43	NW	4	4	N	9	o	−	?
Sumburgh Head															
Stornoway (Hebrides.)	30.42f	− .09	40	38	−1	44	38	W	1	1	W	10	g	−	1
Thurso... ...	30.38f	− .05	44	43	−2	48	43	WNW	3	3	NNW	10	d	0.28	2
Wick	30.39f	− .06	42	42	−2	45	41	SW	1	2	NW	8	o	−	0
Nairn	30.42f	− .09	39	37	−1	43	39	W	1	1	W	8	com	−	1
Aberdeen ...	30.39f	− .08	42	40	−2	46	41	NW	1	2	NW	9	om	−	1
Leith	30.45f	− .13	35	33	+3	36	29	W	2	3	W	8	o	−	*
Shields... ...	30.43f	− .09	39	37	−2	43	37	W	2	3	NW	7	oc	−	2
York	30.43f	− .09	40	37	0	42	38	NW	1	1	WNW	10	o	−	*
Scarborough ...	30.39f	− .09	42	40	−3	45	42	W	1	3	N	10	gf	−	3
Nottingham ...	30.43f	− .10	42	39	0	45	40	NNW	1	3	NNW	10	om	−	*
Ardrossan ...	30.48f	− .10	33	32	0	34	31	NE	1	2	E	7	f	−	0
Greencastle ...	30.46f	− .08	38	36	−3	42	37	SSE	3	4	SE	10	g	−	*
Donaghadee ...	30.44f	− .10	38	37	−3	42	37	ENE	3	3	ENE	10	o	−	2
Kingstown ...	30.42f	− .12	44	41	0	46	42	E	2	2	E	10	m	−	2
Holyhead ...	30.39f	− ? .07	38	37	−1	41	37	SSE	1	2	ENE	10	mf	−	0
Liverpool (Bidston Obs.)	30.46f	− .10	38	36	+1	40	37	ENE	1	2	NE	10	of	−	1
Valencia ...	30.32f	− .14	46	44	+3	48	41	ESE	2	3	SE	8	g	−	1
Roche's Point ...	30.31f	− .15	49	47	+2	?	43	E	5	6	ESE	9	o	−	4
Pembroke ...	30.37f	− .13	43	40	+1	47	41	E	3	3	E	10	mo	−	2
Portishead ...	30.38f	− .10	43	41	+1	45	40	E	2	4	NE	10	o	−	1
Scilly	30.27f	− .12	49	48	+1	49	47	ENE	5	5	ENE	8	o	0.01	4
Plymouth ...	30.32f	− .12	43	42	0	45	42	ENE	2	3	ENE	10	g	−	*
Portsmouth ...	30.36f	− .11	44	41	+1	46	41	NE	1	2	NE	9	o	−	1
Dover	30.35f	− .10	44	43	0	47	42	NE	4	4	NE	8	gw	0.02	3
London ...	30.36f	− .11	44	42	+2	47	41	ENE	2	2	ENE	10	o	−	*
Oxford... ...	30.38	− .12	41	40	+1	44	40	ENE	1	2	NNE	10	om	−	*
Cambridge ...	30.39f	− .07	40	39	−1	44	39	NW	1	1	NW	10	go	−	*
Yarmouth ...	30.37f	− .06	44	44	0	47	43	NW	2	3	N	10	df	0.02	3
Helder	30.28	− .06	46	*	+1	*	*	NNW	4	*	*	*	*	*	2
Cape Gris Nez...	30.32f	− .09	41	41	−4	48	40	ESE	2	4	E	8	ro	0.08	2
Brest	30.26f	− .10	33	33	−10	51	32	NE	3	5	E	1	b	−	2
L'Orient ...	30.19f	− .09	37	37	−3	45	36	E	5	7	E	9	bo	−	3
Rochefort ...	30.15f	+ .02	35	35	−2	48	33	E	4	5	E	4	bc	−	3
Biarritz ...	?		37	?	−4	48	35	SE	5	5	E	0	f	−	?
Corunna ...				*		*	*			*	*	*		*	
Brussels ...	30.34	− .06	44	*	−4	*	*	NE	3	*	*	*	o	*	*
Charleville ..	30.36	− .07	40	*	+1	*	*	NNE	3	*	*	*	o	*	*
Paris	30.30f	− .09	42	?	−1	46	42	NE	5	4	ENE	10	o	−	*
Lyons	?		?	*		*	*	N	1	*	*	*	b	*	*
Toulon... ...	30.12f	+ .03	47	45	0	56	44	W	1	5	E	2	cb	−	3

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		C.	Wea.	Sea.
Skudesnaes ...	30.48	44	42	NW	4	*	c	3
Thurso ...	30.42	46	44	NNW	3	10	d	3
Scarborough...	30.45	45	43	N	2	10	g	3
Greencastle ...	30.53	40	38	SE	4	10	g	*
Holyhead ...	30.48	?49	?47	Z	0	7	mg	0
Valencia ...	30.41	47	44	SE	3	7	c	3
Scilly ...	30.37	48	46	ENE	5	9	o	4
London ...	30.44	45	43	ENE	2	10	om	*
Rochefort ...	30.18	47	42	E	5	0	b	3

Pressure is decreasing slowly throughout our Islands and the wind has veered to SE in Ireland. Beyond this very little change is reported. —

EXPLANATION OF COLUMNS.

BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER:** *Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. wet, dew.

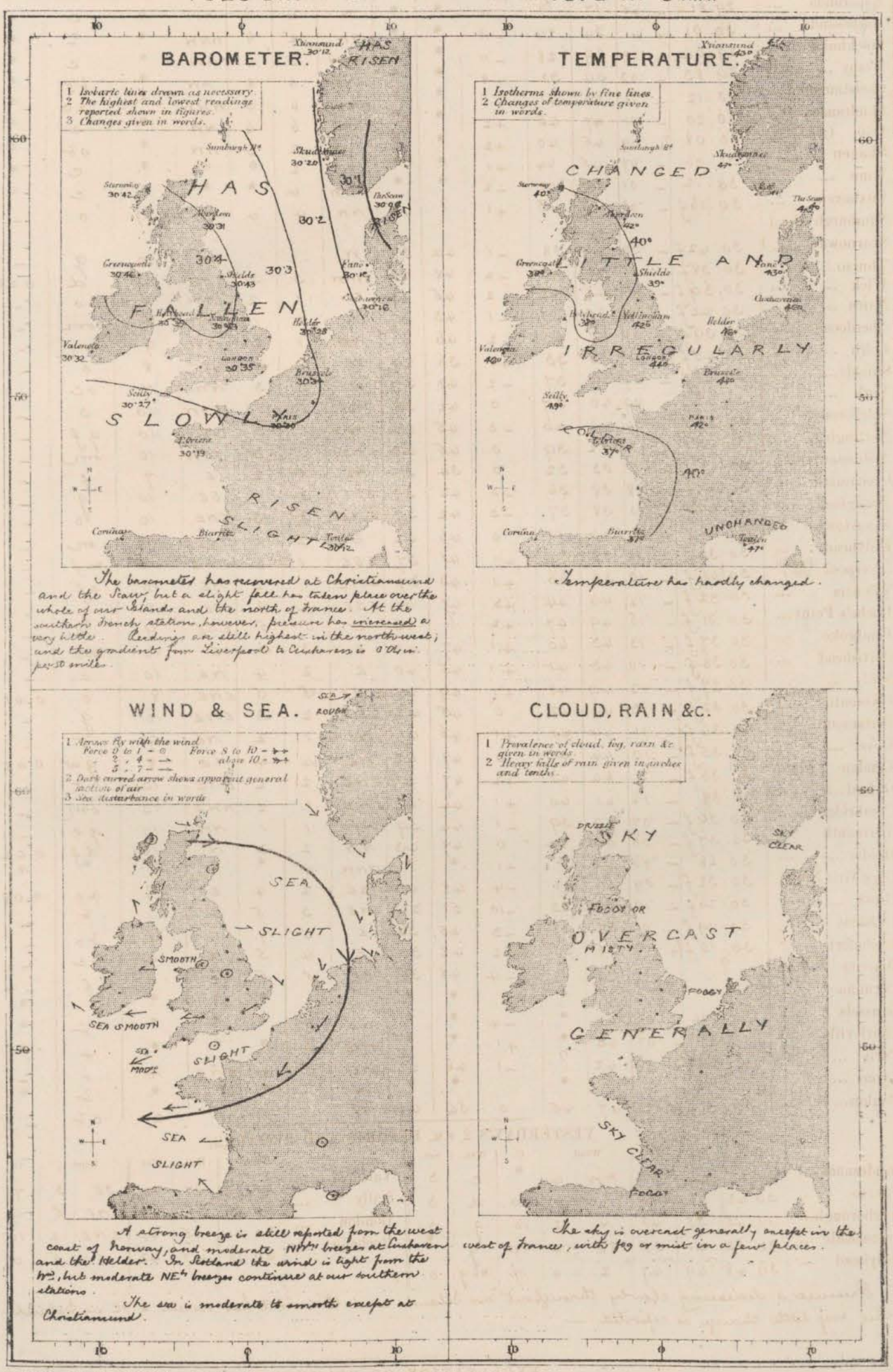
* AN ASTERISK is inserted in all places for which no information is received. The "extreme" wind for the Swedish and Norwegian Stations is an observation taken at 8 p.m.

N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS

AND REMARKS FOR

TUESDAY 18th NOVEMBER 1873 AT 8 A.M.



The barometer has recovered at Christiansund and the Skaw, but a slight fall has taken place over the whole of our Islands and the north of France. At the southern French stations, however, pressure has increased a very little. Readings are still highest in the north-west; and the gradient from Liverpool to Cuxhaven is 0·04 in per 50 miles.

Temperature has hardly changed.

A strong breeze is still reported from the west coast of Norway, and moderate NNW breezes at Cuxhaven and the Helder. In Scotland the wind is light from the W, but moderate NE breezes continue at our southern stations.

The sea is moderate to smooth except at Christiansund.

The sky is overcast generally except in the west of France, with fog or mist in a few places.

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Meteorological Office
116, Victoria Strt. Westminster S.W.
ROBERT H. SCOTT, Director.

Vincent Brooks Day & Son Lith. London W.C.

Wednesday 8 a.m. **WEATHER REPORT.** Nov 19th 1873.

STATIONS.	BAROMETER. At 8 A.M. Reduced to 32° F. at the Mean Sea Level.	BAROMETER. Change since yesterday.	THERMOMETERS. (In shade). At 8 A.M. Dry bulb.	THERMOMETERS. At 8 A.M. Wet bulb.	THERMOMETERS. Change in the dry bulb since yesterday.	THERMOMETERS. In past 24 hours. Max.	THERMOMETERS. In past 24 hours. Min.	WIND. At 8 A.M. Direc.	WIND. At 8 A.M. Force. (0 to 12.)	WIND. Extreme. Force. (0 to 12.)	WIND. Extreme. Direc.	Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Disturbance. 0 to 9.
Haparanda ...	29.46	-.35	28	27	+11	*	*	N	4	2	N	*	b	*	*
Hernösand ...	29.62	-.39	44	39	+20	*	*	NW	6	0	Z	*	c	*	*
Stockholm ...	29.73	-.21	38	38	+9	*	*	NSW	4	2	SW	*	r	*	*
Wisby	29.90	+.10	40	39	+6	*	*	NW	6	4	NE	*	bc	*	*
Christiansund ...	30.06	-.06	43	42	0	*	*	NSW	6	6	WSW	*	or	*	6
Skudesnaes ...	30.14	-.06	44	40	-3	*	*	NW	6	4	NNW	*	cr	*	2
Oxö (X'tiansand)	30.00	-.08	39	37	-6	*	*	NW	2	2	N	*	bc	*	2
Skagen (The Skaw)	30.01	-.05	35	35	-10	*	*	W	2	*	*	*	f	*	*
Fanö	30.09	-.03	41	41	-2	*	*	WNW	4	*	*	*	c	*	*
Cuxhaven ...	30.16f	.00	45	44	-1	?	41	W	2	3	NNW	6	oc	-	0
Sumburgh Head															
Stornoway (Hebrides.)	30.22f	-.20	41	39	+1	43	38	S	1	1	SW	10	r	-	1
Thurso... ...	30.24f	-.14	36	35	-8	47	36	S	1	3	NNW	5	oc	0.01	1
Wick	30.19f	-.20	40	38	-2	45	36	Z	0	1	SW	9	o	0.01	0
Nairn	30.28f	-.14	36	35	-3	43	33	W	1	1	W	9	om	-	1
Aberdeen ...	30.27f	-.12	40	39	-2	46	39	NW	1	1	NW	8	om	0.02	1
Leith	30.30f	-.15	36	36	+1	41	34	W	1	2	W	8	f	-	*
Shields... ...	30.31f	-.12	42	41	+3	43	39	Z	0	2	ENE	10	m	-	2
York	30.31f	-.12	40	39	0	44	39	N	1	1	NW	9	of	0.01	*
Scarborough ...	30.29f	-.10	43	42	+1	45	42	NNW	1	1	NNW	9	md	-	2
Nottingham ...	30.32f	-.11	37	36	-5	45	37	N	1	3	NNW	10	of	0.01	*
Ardrossan ...	30.29f	-.19	39	38	+6	40	33	ENE	1	1	E	7	f	-	0
Greencastle ...	30.24f	-.22	42	40	+4	42	37	ESE	4	4	ESE	10	q	-	*
Donaghadee ...	30.25f	-.19	47	44	+9	47	37	SE	4	4	SE	10	o	-	2
Kingstown ...	30.22f	-.20	46	43	+2	47	43	ESE	3	2	E	10	mg	-	3
Holyhead ...	30.21f	-.18	41	40	+3	42	38	E	2	2	E	4	m	-	2
Liverpool (Bidston Obs.)	30.31f	-.15	41	39	+3	42	39	E	1	2	ENE	7	of	-	1
Valencia ...	30.11f	-.21	48	46	+2	50	44	E	2	2	ESE	8	q	-	2
Roche's Point ...	30.11f	-.20	49	47	0	49	42	SE	5	5	E	9	o	-	5
Pembroke ...	30.18f	-.19	44	42	+1	?45	42	ESE	4	4	ESE	10	m	-	3
Portishead ...	30.23f	-.15	42	42	-1	46	40	ENE	3	4	ENE	10	om	-	2
Scilly	30.10f	-.17	48	46	-1	50	47	ESE	5	6	E	7	oc	-	4
Plymouth ...	30.15f	-.17	47	45	+4	48	42	ENE	2	2	ENE	10	q	-	*
Portsmouth ...	30.21f	-.15	45	42	+1	47	42	NE	1	2	NE	9	om	-	1
Dover	30.24f	-.11	47	44	+3	48	43	E	3	4	NE	5	oc	0.03	2
London ...	30.24f	-.12	44	43	0	46	42	ENE	2	2	NE	10	o	-	*
Oxford... ...	30.24	-.14	43	42	+2	44	41	ENE	1	2	NE	10	o	-	*
Cambridge ...	30.27f	-.12	40	40	0	44	40	N	1	1	N	10	qo	0.01	*
Yarmouth ...	30.29f	-.08	45	44	+1	47	42	NNE	2	2	N	6	mo	0.02	3
Helder... ...	30.23	-.05	46	*	0	*	*	NNW	1	*	*	*	*	*	2
Cape Gris Nez...	30.23f	-.09	42	42	+1	47	40	E	3	1	NE	6	oc	0.04	2
Brest	30.14f	-.12	36	36	+3	45	32	NE	3	4	E	10	f	-	?
L'Orient ...	30.08f	-.11	37	35	0	39	36	E	4	5	E	9	o	-	2
Rochefort ...	30.02f	-.12	?32	?32	-3	45	31	ENE	4	5	E	0	cb	-	3
Biarritz ...	29.97f		45	41	+8	50	37	S	3	5	SE	2	f	-	3
Corunna ...				*		*	*			*	*	*		*	
Brussels ...	30.23	-.11	43	*	-1	*	*	?	3	*	*	*	ro	*	*
Charleville ..	30.29	-.07	38	*	-2	*	*	NNE	3	*	*	*	b	*	*
Paris	30.18f	-.12	38	?	-4	42	38	ESE	4	5	NE	1	ob	-	*
Lyons	?		41	*	?	*	*	SW	3	*	*	*	o	*	*
Toulon... ...	30.04	-.08	46	39	-1	54	43	NW	4	4	W	4	bc	-	3

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		C.	Wea.	Sea.
Skudesnaes ...	30.21	45	43	NNW	4	*	b	2
Thurso ...	30.36	46	44	WNW	2	6	c	2
Scarborough...	30.36	44	41	NNW	1	10	m	3
Greencastle ...	30.42	38	36	SE	2	10	q	*
Holyhead ...	30.37	41	39	E	2	10	mq	1
Valencia ...	30.27	48	45	ESE	2	8	q	
Scilly ...	30.22	50	49	E	6	9	d	5
London ...	30.35	46	40	NE	2	10	oq	*
Rochefort ...	30.13	45	40	E	4	0	b	3

The barometer continues to fall slowly. The wind has freshened from E. at Scilly, with a rather rough sea. The weather is overcast and gloomy generally.—

EXPLANATION OF COLUMNS.

BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER**: *Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. wet, dew.

* AN ASTERISK is inserted in all places for which no information is received. The "extreme" wind for the Swedish and Norwegian Stations is an observation taken at 8 p.m.

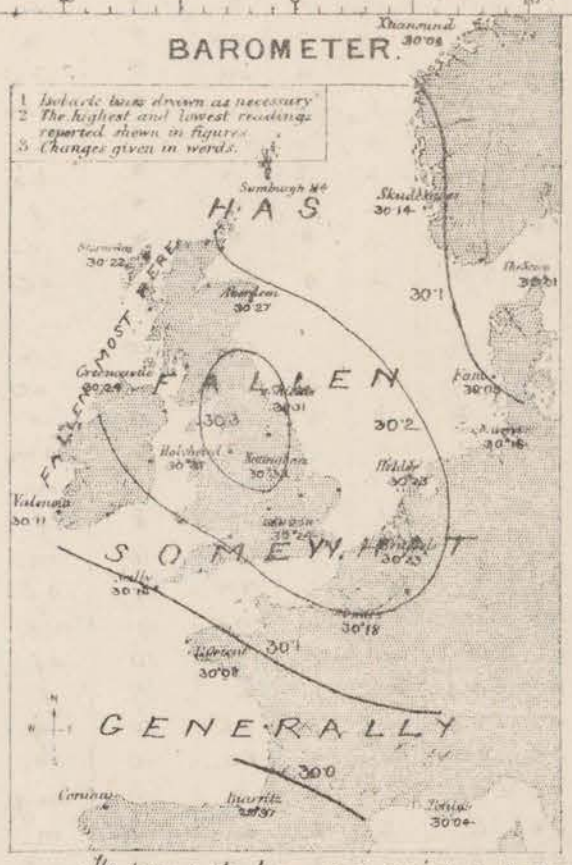
N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS

AND REMARKS FOR

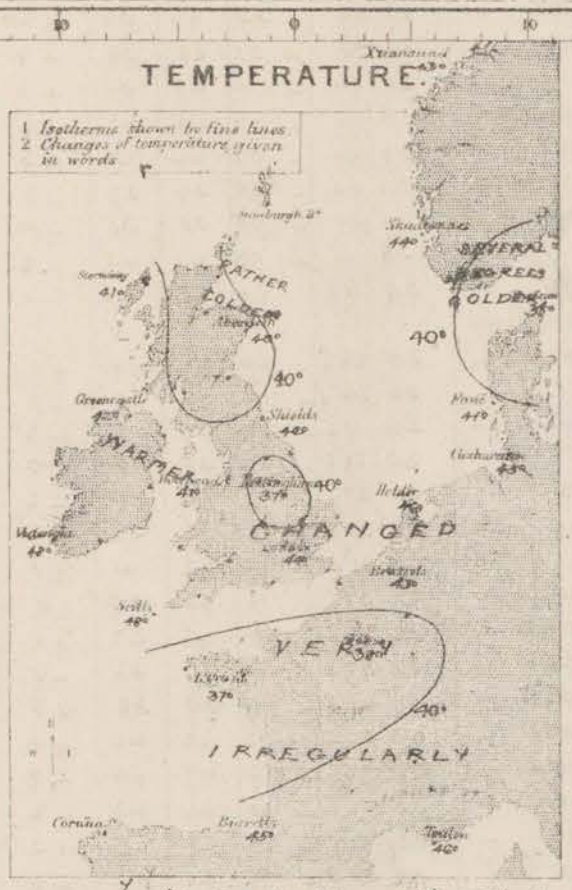
WEDNESDAY 19th NOVEMBER 1873 AT 8 A.M.

BAROMETER.



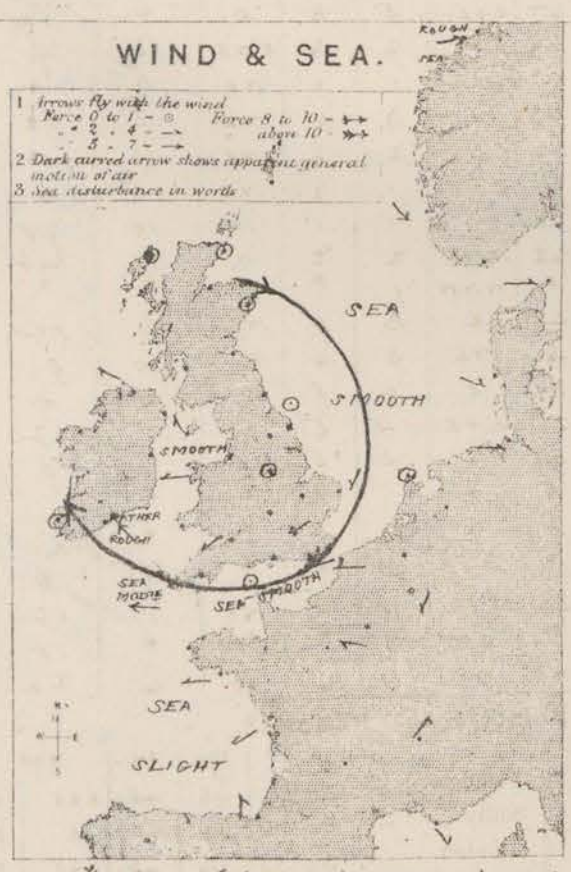
The fall in the barometer noticed yesterday still continues, most in Ireland and the north of Scotland. An area of high pressure lies over the north of England, the gradients from Liverpool to Scilly being 0·016 in, and that from Shields to Valentia 0·015 in per 50 miles.

TEMPERATURE.



Temperature has fallen in the north of Scotland and south of Norway, but risen at our more north western stations. Everywhere the changes have been very irregular.

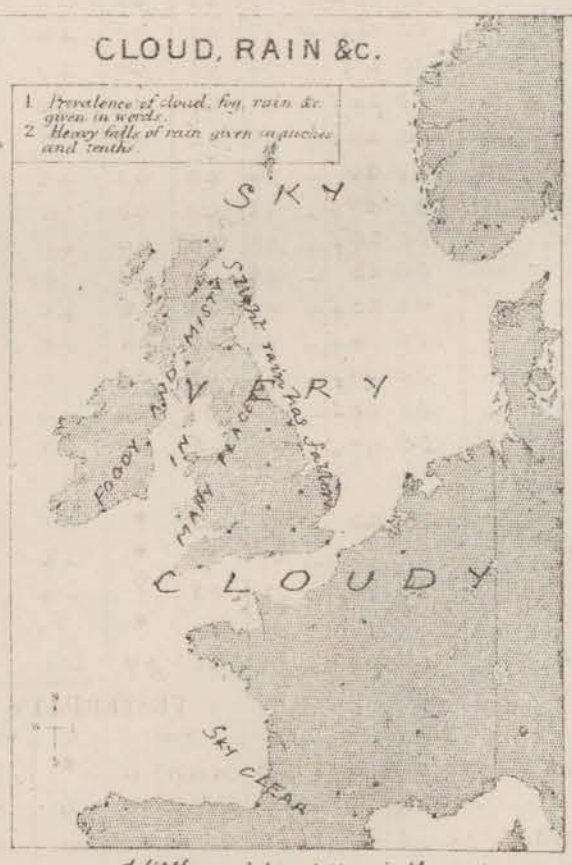
WIND & SEA.



The strong W^ly breeze still holds on the west coast of Norway. Over our Islands the wind circulates round the high pressure, being W and NW in the north, E^ly and NE^ly in the south, and SE^ly in the west. The wind is very light on the east coast and moderate in the west.

The sea is rather rough at Christiansund and Rochefort, smooth elsewhere.

CLOUD, RAIN &c.



A little rain has fallen in the east and south east. The sky continues very cloudy except in the south west of France, with much fog or mist in our Islands.

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" " book post 5/ per quarter

Meteorological Office
116, Victoria Str^t, Westminster S.W.
ROBERT H. SCOTT, Director.

Vincent Brooks Day & Son Lith. London W.C.

Thurs-day 8 a.m. **WEATHER REPORT.** Nov 20th 1873.

STATIONS.	BAROMETER At 8 A.M. Reduced to 32° F. at the Mean Sea Level.	BAROMETER Change since yesterday.	THERMOMETERS (in shade). At 8 A.M. Dry bulb.	THERMOMETERS At 8 A.M. Wet bulb.	THERMOMETERS Change in the dry bulb since yesterday.	THERMOMETERS In past 24 hours. Max.	THERMOMETERS In past 24 hours. Min.	WIND At 8 A.M. Direc.	WIND At 8 A.M. Force. (0 to 12.)	WIND Extreme. Force. (0 to 12.)	WIND Extreme. Direc.	Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Disturbance 0 to 9.
Haparanda ...	29.96	+ ·50	28	27	0	*	*	S	2	2	N	*	o	*	*
Hernösand ...	30.04	+ ·42	26	25	−18	*	*	NNW	2	0	Z	*	c	*	*
Stockholm ...	30.04	+ ·31	27	27	−11	*	*	N	2	4	N	*	b	*	*
Wisby	30.04	+ ·11	40	38	0	*	*	NE	1	6	NE	*	br	*	*
Christiansund ...	29.91	− ·15	43	40	0	*	*	NSW	4	4	SW	*	oc	*	5
Skudesnaes ...	30.08	− ·06	41	41	−3	*	*	NNE	2	4	NNW	*	co	*	2
Oxö (X'tiansand)	30.06	+ ·06	33	33	−6	*	*	N	2	2	NNW	*	b	*	2
Skagen (The Skaw)	30.07	+ ·06	40	39	+5	*	*	N	2	*	*	*	b	*	*
Fanö	30.11	+ ·02	30	30	−11	*	*	Z	0	*	*	*	f	*	*
Cuxhaven ...	30.10r	− ·06	44	43	−1	?	42	N	2	3	NNW	6	o	0.02	?
Sumburgh Head															
Stornoway (Hebrides)	29.97f	− ·25	43	42	+2	43	39	SSW	1	3	S	5	qc	0.07	0
Thurso... ...	29.96f	− ·28	41	39	+5	42	35	SSW	1	2	SSW	8	o	–	1
Wick	30.00f	− ·19	42	41	+2	42	37	SW	2	2	SW	9	o	–	*
Nairn	30.04f	− ·24	43	42	+7	43	36	N	1	1	N	8	mo	–	1
Aberdeen ...	30.08f	− ·19	41	40	+1	43	40	SSW	1	1	NW	9	mo	–	1
Leith	30.15f	− ·15	41	40	+5	45	35	N	1	2	SE.	9	fo	–	*
Shields... ...	30.17f	− ·14	42	41	0	44	41	SW	2	2	N	6	mf	–	2
York	30.19f	− ·12	37	37	−3	47	35	Z	0	1	N	10	of	–	*
Scarborough ...	30.17f	− ·12	42	41	−1	46	41	SSW	1	1	N	8	o	0.09	1
Nottingham ...	30.21s	− ·11	41	41	+4	46	37	E	1	1	NNW	10	orf	0.03	*
Ardrossan ...	30.14f	− ·15	45	42	+6	46	39	N	2	2	ENE	8	fr	0.03	2
Greencastle ...	30.11f	− ·13	41	40	−1	43	40	NNW	1	4	ESE	10	q	–	*
Donaghadee ...	30.12f	− ·13	43	43	−4	47	43	SSW	3	5	SSE	10	od	0.09	2
Kingstown ...	30.11f	− ·11	45	44	−1	48	43	S	1	3	ESE	10	qm	–	1
Holyhead ...	30.10f	− ·11	42	41	−1	46	41	SSE	1	2	E	7	mf	–	0
Liverpool (Bidston Obs.)	30.19f	− ·12	41	40	0	45	40	ESE	1	2	ESE	10	of	–	1
Valencia ...	30.09r	− ·02	47	46	−1	49	45	SSE	2	2	SE	9	mo	0.03	2
Roche's Point ...	30.08r	− ·03	44	43	−5	49	43	NW	2	5	S	7	oc	0.02	3
Pembroke ...	30.10s	− ·08	45	44	+1	47	42	E	2	4	SE	10	m	–	2
Portishead ...	30.13s	− ·10	42	40	0	47	40	E	3	3	ENE	10	m	–	1
Scilly	30.07r	− ·03	46	44	−2	49	44	NE	2	5	ESE	8	o	–	2
Plymouth ...	30.09r	− ·06	44	42	−3	49	43	E	1	4	ESE	10	q	–	*
Portsmouth ...	30.14r	− ·07	43	41	−2	48	41	NE	1	2	NE	7	c	–	1
Dover	30.15s	− ·09	42	40	−5	49	41	ESE	3	3	ESE	0	cb	–	2
London ...	30.15s	− ·09	40	38	−4	47	36	E	1	3	E	9	oc	–	*
Oxford... ...	30.16	− ·08	41	41	−2	48	40	E	1	1	E	10	m	–	*
Cambridge ...	30.18s	− ·09	41	41	+1	48	40	ENE	1	1	N	10	co	–	*
Yarmouth. ...	30.19f	− ·10	45	44	0	49	43	E	2	2	NE	4	c	–	2
Helder	30.18	− ·05	42	*	−4	*	*	ENE	2	*	*	*	*	*	2
Cape Gris Nez...	30.15s	− ·08	35	33	−7	48	33	SE	1	3	E	1	cb	–	1
Brest	30.09r	− ·05	39	37	+3	39	35	E	3	3	SE	10	fq	–	2
L'Orient ...	30.05r	− ·03	38	38	+1	43	35	ENE	1	4	E	10	of	–	2
Rochefort ...	30.09r	+ ·06	39	35	? +7	46	30	SE	3	4	SE	10	cf	–	3
Biarritz ...	30.08r	+ ·11	46	42	+1	55	46	S	3	4	E	2	c	–	3
Corunna ...				*		*	*			*	*	*		*	
Brussels ...	30.16	− ·07	43	*	0	*	*	ENE	3	*	*	*		*	*
Charleville ..	30.18	− ·11	33	*	−5	*	*	E	3	*	*	*	fb	*	*
Paris	30.12r	− ·06	32	?	−6	44	32	SE	4	5	ESE	2	c	–	*
Lyons	?		37	*	−4	*	*	N	1	*	*	*	f	*	*
Toulon... ...	30.00f	− ·04	46	42	0	56	46	NE	1	3	ESE	7	o	–	3

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		C.	Wea.	Sea.
Skudesnaes ...	30.08	42	42	NNW	4	*	c	4
Thurso ...	30.16	41	38	SSW	2	8	o	?
Scarborough...	30.20	46	44	N	1	10	o	2
Greencastle ...	30.16	43	41	SE	1	10	m	*
Holyhead ...	30.14	45	43	E	1	7	mq	1
Valencia ...	30.03	48	46	SE	2	8	q	2
Scilly ...	30.06	48	45	ESE	5	8	o	4
London ...	30.18	47	45	E	2	10	*	*
Rochefort ...	30.01	46	41	E	4	4	c	3

The barometer continues to fall slowly at all stations. No other important change.

EXPLANATION OF COLUMNS.

BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER:** *Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy, h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. wet, dew.

* AN ASTERISK is inserted in all places for which no information is received. The "extreme" wind for the Swedish and Norwegian Stations is an observation taken at 8 p.m.

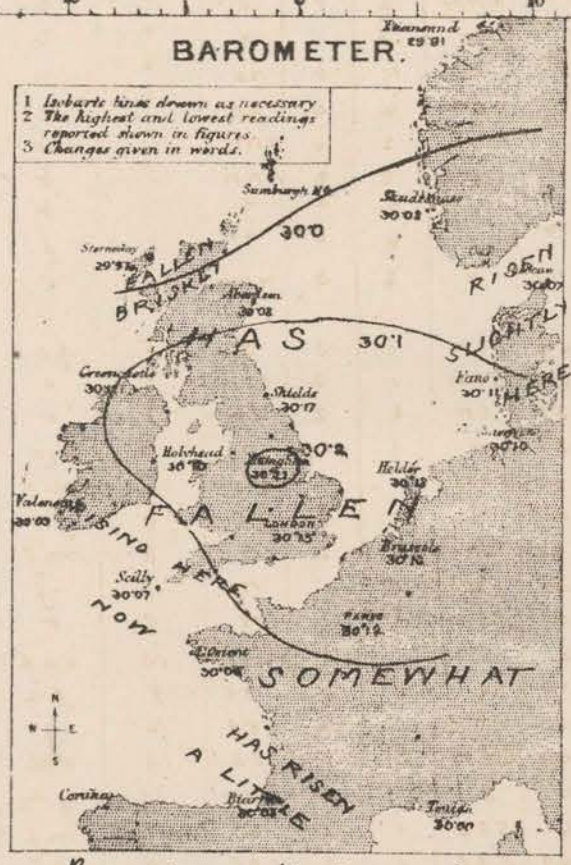
N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS

AND REMARKS FOR

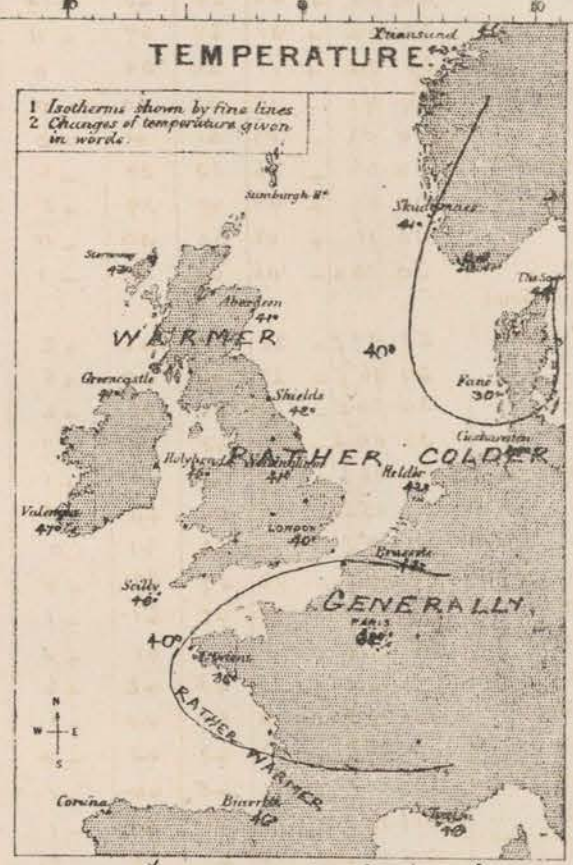
THURSDAY 20TH NOVEMBER 1873 AT 8 A.M.

BAROMETER.



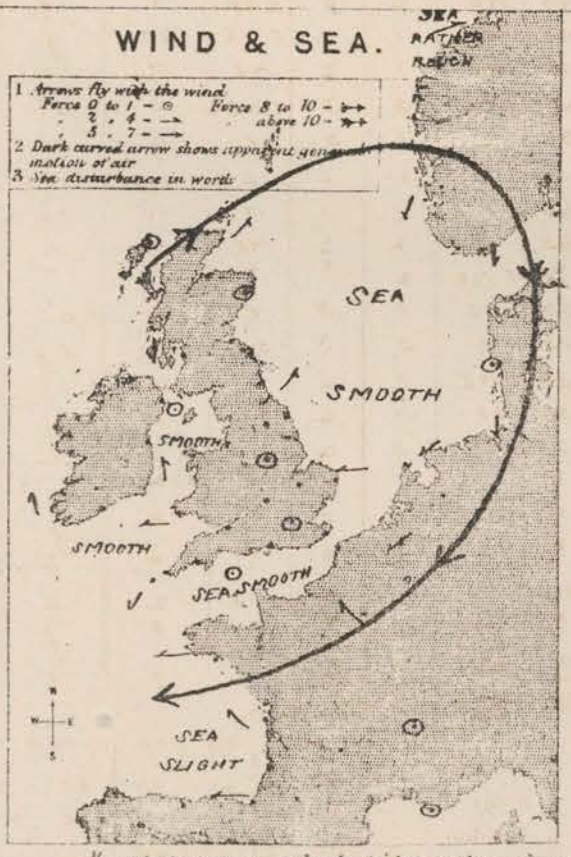
Pressure is very uniform over north western Europe. Although readings are lower almost everywhere than they were yesterday a recovery has set in during the night at our south western stations and in the west of France but elsewhere the fall continues – rather briskly in the north of Scotland. The area of highest pressure lies over central England, but gradients are very slight.

TEMPERATURE.



Temperature has risen in Scotland, the west of France and central England, but fallen elsewhere.

WIND & SEA.



The winds are exceedingly light and variable. They are generally E^ly in France and S^ly in the north of Scotland, while a moderate WSW breeze is reported from Christiansund.

The sea is smooth, except at Christiansund.

CLOUD, RAIN, &c.

A little rain has fallen at a few places. The sky continues very cloudy generally, with fog and mist in many places.

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Meteorological Office
116, Victoria Strt. Westminster S.W.
ROBERT H. SCOTT, Director.

Vincent Brooks Day & Son Lith. London W.C.

Friday 8 a.m. **WEATHER REPORT.** Nov 21st 1873.

STATIONS.	BAROMETER At 8 A.M. Reduced to 32° F. at the Mean Sea Level.	BAROMETER Change since yesterday.	THERMOMETERS (In shade). At 8 A.M. Dry bulb.	At 8 A.M. Wet bulb.	Change in the dry bulb since yesterday	In past 24 hours. Max.	In past 24 hours. Min.	WIND At 8 A.M. Direc.	At 8 A.M. Force. (0 to 12.)	Extreme. Force. (0 to 12.)	Extreme. Direc.	Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Disturbance 0 to 9.
Haparanda ...	29.50	-.46	35	35	+7	*	*	SW	8	8	SW	*	o	*	*
Hernösand ...	29.63	-.41	32	31	+6	*	*	SW	2	2	SW	*	b	*	*
Stockholm ...	29.80	-.24	32	31	+5	*	*	SSW	2	2	SSW	*	f	*	*
Wisby	30.01	-.03	32	31	-8	*	*	S	2	2	?	*	b	*	*
Christiansund ...	29.87	-.04	42	38	-1	*	*	SW	4	4	SSW	*	rc	*	5
Skudesnaes ...	29.66	-.42	42	42	+1	*	*	SW	2	6	WSW	*	ro	*	3
Oxö (X'tiansand)						*	*					*		*	
Skagen (The Skaw)	29.85	-.22	40	39	0	*	*	WSW	6	*	*	*	o	*	*
Fanö	29.93	-.18	40	40	+10	*	*	SSW	6	*	*	*	r	*	*
Cuxhaven ...	30.02f	-.08	39	39	-5	?	35	SW	2	2	E	6	o	–	?
Sumburgh Head															
Stornoway (Hebrides)	29.44f	-.53	44	43	+1	47	35	WSW	5	5	WSW	10	po	0.36	5
Thurso... ...	29.44f	-.52	42	41	+1	58	36	SSW	2	2	SW	10	r	0.15	1
Wick	29.49f	-.51	43	43	+1	47	37	SW	2	3	SW	10	or	0.09	0
Nairn	29.52f	-.52	45	44	+2	46	43	W	1	1	W	8	do	0.06	1
Aberdeen ...	29.59f	-.49	42	41	+1	46	38	SSW	2	2	SSW	10	crm	0.02	1
Leith	29.96f	-.39	44	43	+3	46	39	W	4	2	W	8	o	–	*
Shields... ...	29.87f	-.30	40	39	-2	45	40	SW	3	2	SW	6	m	–	2
York	29.95f	-.24	39	37	+2	45	36	S	1	1	SE	10	gf	–	*
Scarborough ...	29.93f	-.24	39	38	-3	45	38	SW	2	1	SW	10	o	–	2
Nottingham ...	30.00f	-.21	35	35	-6	46	34	SW	2	2	E	10	mf	–	*
Ardrossan ...	29.80f	-.34	46	46	+1	48	43	WSW	4	4	WSW	8	fr	0.07	4
Greencastle ...	29.80f	-.31	43	43	+2	44	39	W	4	4	W	10	gr	0.08	*
Donaghadee ...	29.87f	-.25	44	44	+1	46	37	S	4	4	S	10	o	0.04	2
Kingstown ...	29.98f	-.13	45	43	0	48	40	WSW	2	1	ESE	8	fo	0.01	2
Holyhead ...	29.96f	-.14	45	44	+3	47	42	SW	1	1	SSE	6	rm	0.30	1
Liverpool (Bidston Obs.)	30.00f	-.19	41	39	0	43	39	SW	2	3	ESE	7	oc	–	2
Valencia ...	30.09f	.00	48	47	+1	50	41	WSW	3	3	S	9	gm	–	2
Roche's Point ...	30.09f	+.01	43	42	-1	49	38	W	2	2	W	8	co	–	3
Pembroke ...	30.06f	-.04	48	45	+3	48	43	W	3	3	WNW	7	mc	0.02	4
Portishead ...	30.01f	-.12	40	40	-2	46	31	Z	0	3	ESE	8	m	–	0
Scilly	30.13s	+.06	49	47	+3	49	45	WSW	4	2	E	8	co	–	4
Plymouth ...	30.11f	+.02	35	35	-9	48	34	E	1	2	ENE	3	gf	–	*
Portsmouth ...	30.06f	-.08	38	37	-6	46	36	W	1	1	NE	o	cf	–	1
Dover	30.07f	-.08	39	37	-3	46	36	NNW	2	3	ESE	10	bf	–	1
London ...	30.04f	-.11	37	36	-3	48	35	WSW	2	2	E	3	fbm	–	*
Oxford... ...	30.05	-.11	31	31	-10	46	30	Z	0	0	Z	7	of	–	*
Cambridge ...	30.02f	-.16	39	39	-2	47	39	WSW	1	1	ENE	9	o	–	*
Yarmouth ...	30.00f	-.19	41	41	-4	47	40	SSW	1	2	ENE	6	mc	–	2
Helder	30.03	-.15	40	*	-2	*	*	S	3	*	*	*	*	*	2
Cape Gris Nez...	30.06f	-.09	33	33	-2	43	29	NE	1	3	ESE	10	bm	–	1
Brest	30.16r	+.07	46	42	+7	?	38	NNE	4	4	NNE	8	o	–	2
L'Orient ...	30.12r	+.07	41	39	+3	48	37	Z	0	4	NW	9	bo	–	2
Rochefort ...	30.10f	+.01	43	41	+4	51	36	SSE	1	3	E	10	co	–	3
Biarritz ...	30.11r	+.03	50	46	+4	53	46	SW	3	4	E	10	bo	–	3
Corunna ...	30.16	?	52	*	+2	*	*	E	3	*	*	*	o	*	2
Brussels ...	30.08	-.08	37	*	-6	*	*	SW	3	*	*	*	o	*	*
Charleville ...	30.14	-.04	31	*	-2	*	*	ESE	6	*	*	*	c	*	*
Paris	30.10f	-.02	32	?	.0	34	32	SSW	4	4	?	10	m	–	*
Lyons	?		39	*	+2	*	*	N	1	*	*	*	f	*	*
Toulon... ...	30.03r	+.03	48	43	+2	55	45	NW	4	3	NW	3	?	–	3

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar	Dry	Wet.	Wind		C	Wea.	Sea
Skudesnaes ...	29.98	45	43	SW	4	*	o	3
Thurso ...	29.91	45	44	N	2	9	r	1
Scarborough...	30.14	44	43	SW	1	10	o	1
Greencastle ...	30.12	44	42	Z	0	10	g	*
Holyhead ...	30.12	46	44	ESE	1	6	mq	0

	Bar	Dry.	Wet.	Wind		C	Wea.	Sea
Valencia ...	30.13	50	49	S	2	9	m	1
Scilly ...	30.10	48	44	E	2	7	c	3
London ...	30.15	47	43	E	2	8	cm	*
Rochefort ...	30.08	50	46	SSE	4	7	c	3

The rise of the barometer still continues in the SW. of our Islands and has extended to Holyhead and Mouillo but at Rochefort the recovery has ceased. The winds still remain very light everywhere.

EXPLANATION OF COLUMNS.

BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER:** *Beaufort Scale* is, b. blue sky; c. detached clouds, d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy), o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. wet, dew.

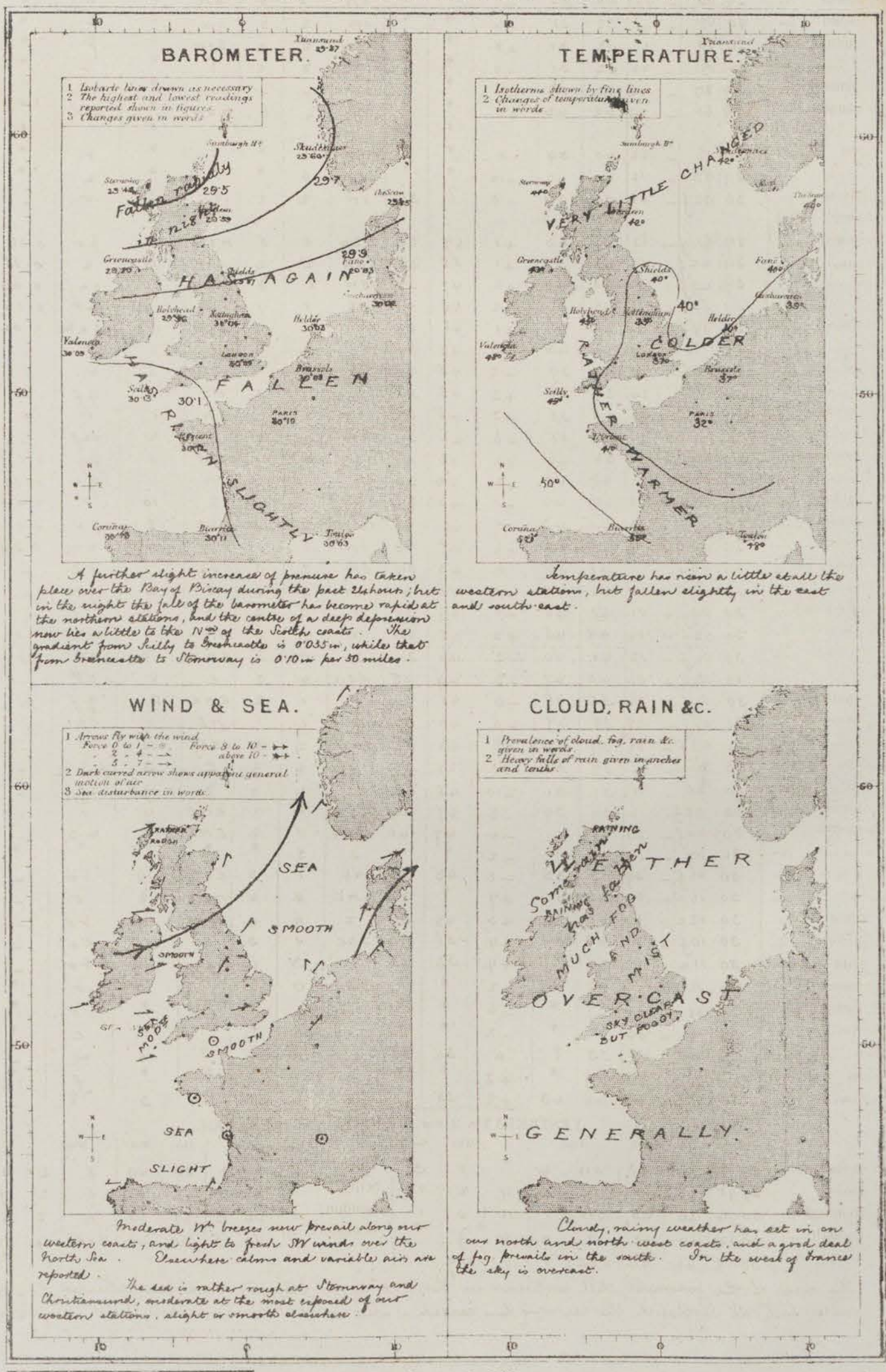
* AN ASTERISK is inserted in all places for which no information is received. The "extreme" wind for the Swedish and Norwegian Stations is an observation taken at 8 p.m.

N.B. The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS

AND REMARKS FOR

FRIDAY 21st NOVEMBER 1873 AT 8 A.M.



A further slight increase of pressure has taken place over the Bay of Biscay during the past 24 hours; but in the night the fall of the barometer has become rapid at the northern stations, and the centre of a deep depression now lies a little to the N^ward of the Scotch coasts. The gradient from Scilly to Greenwich is 0·035 in, while that from Greenwich to Stornoway is 0·10 in per 50 miles.

Temperature has risen a little at all the western stations, but fallen slightly in the east and south-east.

Moderate W^ly breezes now prevail along our western coasts, and light to fresh SW winds over the North Sea. Elsewhere calms and variable airs are reported.

The sea is rather rough at Stornoway and Christiansund, moderate at the most exposed of our western stations, slight or smooth elsewhere.

Cloudy, rainy weather has set in on our north and north-west coasts, and a good deal of fog prevails in the south. In the west of France the sky is overcast.

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Meteorological Office
116, Victoria Str^t, Westminster S.W.
ROBERT H. SCOTT, Director.

Vincent Brooks Day & Son Lith. London W.C.

Saturday 8 a.m. **WEATHER REPORT.** Nov 22nd 1873.

STATIONS.	BAROMETER. At 8 A.M. Reduced to 32° F. at the Mean Sea Level.	BAROMETER. Change since yesterday.	THERMOMETERS. (In shade). At 8 A.M. Dry bulb.	THERMOMETERS. At 8 A.M. Wet bulb.	THERMOMETERS. Change in the dry bulb since yesterday.	THERMOMETERS. In past 24 hours. Max.	THERMOMETERS. In past 24 hours. Min.	WIND. At 8 A.M. Direc.	WIND. At 8 A.M. Force. (0 to 12.)	WIND. Extreme. Force. (0 to 12.)	WIND. Extreme. Direc.	Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall In past 24 Hours.	Sea Disturbance 0 to 9.
Haparanda ...	29.17	-.32	35	35	0	*	*	S	9	6	SW	*	?	*	*
Hernösand ...	29.01	-.62	36	35	+4	*	*	S	8	4	S	*	r	*	*
Stockholm ...	29.10	-.70	27	?	-5	*	*	S	6	4	S	*	r	*	*
Wisby	29.28	-.73	37	36	+5	*	*	S	6	2	SW	*	or	*	*
Christiansund ...	28.56	-1.31	42	40	0	*	*	SE	2	6	SE	*	oc	*	4
Skudesnaes ...	28.65	-1.01	43	42	+1	*	*	W	4	8	SSW	*	r	*	6
Oxö (Christiansand)	?28.65		42	41		*	*	WNW	2	8	?	*	ro	*	4
Skagen (The Skaw)	28.70	-1.15	41	40	+1	*	*	WSW	8	*	*	*	r	*	*
Fanö	?28.68	-1.25	46	45	+5	*	*	?S	4	*	*	*	r	*	*
Cuxhaven ...	28.88f	-1.14	41	41	+2	?	32	SW	6	4	SW	9	m	0.26	?
Sumburgh Head															
Stornoway (Hebrides)	29.17f	-.27	46	43	+2	50	42	WNW	6	8	W	4	rv	0.42	5
Thurso	28.46f	-.48	46	44	+4	50	40	NW	7	8	WSW	6	rc	0.49	5
Wick	28.59f	-.50	45	43	+2	49	41	NW	4	4	NW	6	rcq	0.37	2
Nairn	29.11f	-.41	48	46	+3	51	44	WNW	4	8	W	9	po	0.07	3
Aberdeen ...	29.01f	-.58	48	44	+6	53	42	NW	8	8	NW	4	qw	0.20	2
Leith	29.15f	-.61	48	46	+4	54	44	NW	4	6	W	3	ob	—	*
Shields	29.15f	-.72	48	44	+8	51	40	WNW	8	8	WNW	1	bq	0.02	2
York	29.25f	-.72	51	45	+12	54	38	W	3	6	WNW	9	dq	0.14	*
Scarborough ...	29.14f	-.79	49	45	+10	51	39	NW	9	9	NW	3	ob	0.07	6
Nottingham ...	29.29f	-.71	52	47	+17	55	35	WNW	8	8	SSW	9	dq	—	*
Ardrossan ...	29.31f	-.49	50	45	+4	54	46	WNW	7	4	WNW	5	dpq	0.15	5
Greencastle ...	29.50	-.30	48	46	+5	52	42	W	7	7	W	10	q	0.19	*
Donaghadee ...	29.45f	-.42	49	47	+5	54	44	WNW	8	8	WNW	8	q	0.05	6
Kingstown ...	29.57f	-.41	52	48	+7	56	44	WNW	8	4	W	9	qs	0.08	5
Holyhead ...	29.48f	-.50	52	44	+7	55	45	?	8	9	WSW	4	rm	0.14	5
Liverpool (Bidston Obs.)	29.44f	-.56	50	47	+9	52	41	W	7	8	W	10	s	0.10	5
Valencia ...	29.44	-.15	52	51	+4	54	46	N	5	6	NW	5	rc	0.52	5
Roche's Point ...	29.77f	-.39	52	49	+4	55	42	NW	5	7	NW	2	ob	0.20	4
Pembroke ...	29.67f	-.42	53	50	+5	54	47	WNW	5	8	W	7	qc	0.25	4
Portishead ...	29.50f	-.51	52	49	+12	53	38	W	7	7	WSW	8	qw	0.04	5
Scilly	29.77f	-.36	53	52	+4	53	48	WNW	7	7	WNW	7	oc	0.17	6
Plymouth ...	29.65f	-.46	41	41	+6	53	35	NW	3	4	NW	10	df	0.03	*
Portsmouth ...	29.50f	-.56	52	50	+14	54	36	NW	4	7	NW	8	s	0.12	4
Dover	29.28f	-.79	53	51	+14	53	37	W	5	5	W	5	oc	0.10	4
London ...	29.37f	-.67	54	50	+17	54	37	WNW	6	7	WSW	10	crq	0.20	*
Oxford	29.41	-.61	53	48	+22	54	31	W	5	7	SW	10	s	0.04	*
Cambridge ...	29.29f	-.72	53	48	+14	55	38	WSW	3	3	WSW	10	ms	0.14	*
Yarmouth ...	29.19f	-.81	51	48	+10	53	40	WNW	6	6	WNW	6	rcq	0.19	4
Helder	29.05	-1.03	51	*	+11	*	*	WSW	7	*	*	*	*	*	4
Cape Gris Nez ...	29.32f	-.74	52	52	+19	?	33	WSW	8	5	S	10	rs	0.20	6
Brest	29.88f	-.28	54	52	+8	?	45	NW	5	7	NW	10	m	0.32	4
L'Orient ...	29.80f	-.32	54	54	+13	56	40	WNW	7	7	WNW	10	rf	0.04	4
Rochefort ...	29.91f	-.19	53	51	+10	?	40	W	7	3	WNW	10	cr	0.32	5
Biarritz ...	30.14f	+.03	54	50	+4	54	48	W	7	5	W	10	or	—	3
Corunna ...				*		*	*			*	*	*			
Brussels ...	29.26	-.82	48	*	+11	*	*	SW	7	*	*	*	r		*
Charleville ..	29.53	-.51	41	*	+10	*	*	W	6	*	*	*	r		*
Paris			48	?	+16	?	32	SW	4	8	S	10	or	—	*
Lyons	?		43	*	+4	*	*	S	3	*	*	*	r		*
Toulon	29.91f	-.12	41	39	-7	51	41	NW	5	3	NW	4	fc	—	4

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry	Wet.	Wind		C.	Wea.	Sea.
Skudesnaes ...	29.28	46	44	SSW	8	*	r	6
Thurso ...	29.05	48	46	WSW	3	9	q	2
Scarborough...	29.63	43	42	SW	4	10	r	4
Greencastle ...	29.51	50	50	W	5	10	d	*
Holyhead ...	29.66	47	46	SW	5	6	ru	3

	Bar	Dry.	Wet.	Wind			Wea	Sea
Valencia ...	29.92	50	50	WSW	5	9	r	4
Scilly ...	30.04	50	49	W	5	8	s	*
London ...	29.90	46	44	W	2	10	s	5
Rochefort ...	30.12	49	45	ENE	1	4	c	

Pressure is now decreasing quickly at all stations, most in the N.; and the wind is increasing from the SWrd on our Wn coasts, with rain, and an unsettled appearance. The sea is rising at Ardrossan.— Warnings have been issued to our Nn and part of the Wn coasts.—

EXPLANATION OF COLUMNS.

BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER:** *Beaufort Scale* is, b. blue sky; c. detached clouds; d drizzling rain; f. fog; g. dark, gloomy; h hail l. lightning m misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency w wet dew.

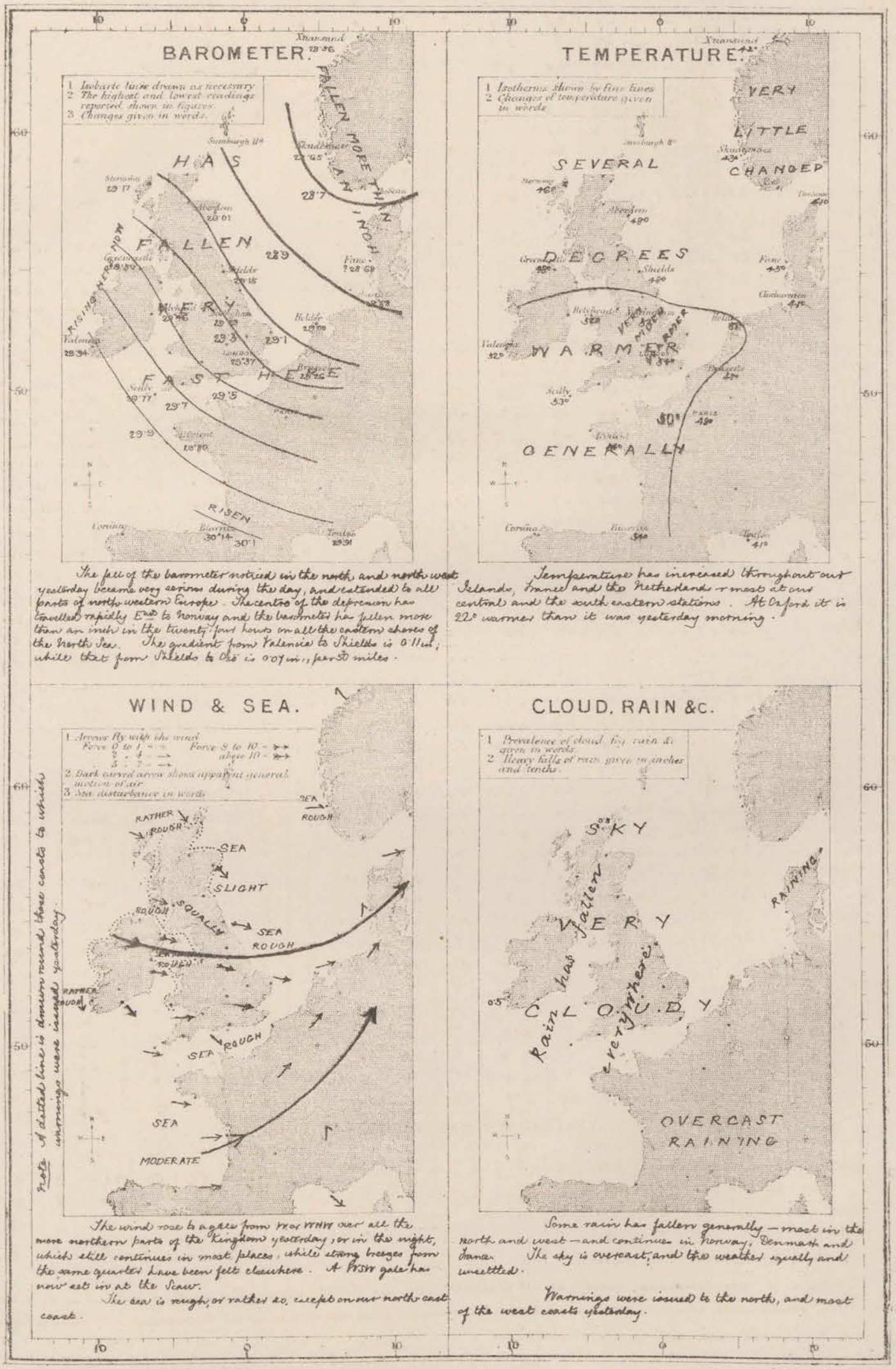
* AN ASTERISK is inserted in all places for which no information is received. The "extreme" wind for the Swedish and Norwegian Stations is an observation taken at 8 p.m.

N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS

AND REMARKS FOR

SATURDAY 22ND NOVEMBER 1873 AT 8 A.M.



The fall of the barometer noticed in the north and north west yesterday became very serious during the day, and extended to all parts of north western Europe. The centre of the depression has travelled rapidly E^ward to Norway and the barometer has fallen more than an inch in the twenty four hours on all the eastern shores of the North Sea. The gradient from Valencia to Shields is 0·11 in., while that from Shields to Christiania is 0·07 in., per 50 miles.

Temperature has increased throughout our Islands, France and the Netherlands — most at our central and the south eastern stations. At Oxford it is 22° warmer than it was yesterday morning.

The wind rose to a gale from WSW or WNW over all the more northern parts of the Kingdom yesterday, or in the night, which still continues in most places, while strong breezes from the same quarter have been felt elsewhere. A WSW gale has now set in at the Scaw.

The sea is rough, or rather so, except on our north east coast.

Some rain has fallen generally — most in the north and west — and continues in Norway, Denmark and France. The sky is overcast, and the weather squally and unsettled.

Warnings were issued to the north, and most of the west coasts yesterday.

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Meteorological Office
116, Victoria Strt. Westminster S.W.
ROBERT H. SCOTT, Director.

Vincent Brooks Day & Son Lith. London W.C.

SUMMARY OF WEATHER IN WESTERN EUROPE

from November 16th to November 22nd 1873.

(Issued Weekly as a Supplement to the "Daily Weather Report.")

During the early part of this week the weather, though very cloudy or foggy generally, was dry; pressure was high, especially in NW.; and in most places temperature was rather below below the average for the time of year. After the 17th, however, pressure began to give way. During the 18th the decrease became greatest in the W., and the wind drew into SE. on our Wn. coasts. By 8 am. on the 21st readings had become highest over the Bay of Biscay and a deep depression advanced from the Wnd towards the Shetlands and N. of Scotland, with rainy, unsettled weather. As this disturbance travelled Ewd hard W. to NW. gales set in over the Wn parts of the country, and subsequently extended to the En shores of the North Sea; while very strong Wly breezes and wet weather were felt elsewhere. At the close of the week the gale was moderating generally – though but temporarily – in our Islands and a recovery of pressure had taken place –

NOV. 16TH. – The barometer had continued to rise except at the Danish stations, where a slight fall had occurred, the rise having been greatest in France and the S. of our Islands. At Christiansund, also, a very brisk recovery from the previous day's fall was reported. Readings were still highest in the NW. – A fresh WSW. gale prevailed at Christiansund; but light Nly. breezes were blowing over the North Sea, drawing round to NE at the SEn stations, and to E. in the S. and SW. – Temperature rose several degrees in Scotland, rapidly in Denmark, but fell over England and France. The weather was generally cloudy and foggy, but dry; though towards evening a little rain fell in the SE.

NOV. 17TH. – Pressure had given way again over Scandinavia and the N. of Denmark but very little change was reported over the United Kingdom or France. A hard WNW gale was now blowing at Christiansund, and rather strong NWly breezes had set in on the En shores of the North Sea; while in our Islands and France the winds remained much the same as on the 16th. – Temperature nevertheless rose somewhat. The weather was very dull and a great deal of fog prevailed in the N. and NW. – Pressure now gave way a little, generally (except in the S. of France), and the wind veered to SE at the Irish stations. –

NOV. 18TH The highest readings were still found on our NWn coasts. A slight recovery had taken place at Christiansund and the Scaw. The NWly breeze on the Enn shores of the North Sea had moderated considerably, and on our E. coast the light winds had backed towards W. Elsewhere no important change was noted. Temperature fell very much in the N. of France but changed little and irregularly elsewhere; while dull, foggy weather was still prevalent. During the day the barometer continued to fall generally, but slowly. –

NOV. 19TH. – The decrease of pressure in the night had become rather more decided in the W. and NW. than elsewhere, so that the centre of an anticyclone now lay over the N. of England. Moderate SEly breezes consequently set in along our Wn coasts, and Sly airs in the N. of

Scotland; while light to moderate NW. winds prevailed over the North Sea, and E.ly winds on our S.n coasts. Temperature fell somewhat in the N., but rose in the NW.; cloudy, foggy weather continued, and during the day a little rain fell in Ireland, the Hebrides, and the N. of England. —

NOV: 20th. — The barometer had continued to fall except at the SW.n stations, where a slight recovery had set in during the night. The fall had been greatest in the N. of Scotland. Readings at 8 a.m. were unusually uniform — the highest reported (at Nottingham) differing by only 0·3 in. from that at Aberdeen, and by 0·2 in. from that at Toulon. Very light winds prevailed — blowing from E. in the S., from S. in the N., from SSW. in Scotland and from N. on the E.n shores of the North Sea. Temperature rose somewhat in Scotland and the N. of France. The sky though still very cloudy or foggy in most parts of the kingdom became much clearer in some places, notably in and around London, and the weather was, at first, fine generally. —

NOV: 21st. — The highest pressure lay, by this time, over the Bay of Biscay and N. of France. The centre of a deep depression was advancing rapidly from the W.ward over the most W.n of our stations, where the barometer had fallen half an inch during the night. Light to moderate SW.ly breezes had set in over the greater part of NW.n Europe, but temperature had fallen considerably over England in the night, though it rose in the N. of France. Rainy weather was prevailing in the N. — During the day clouds increased generally and the wet weather extended to all parts of the Kingdom. —

NOV: 22nd. — The centre of the depression, which was very large, and deep, had reached Norway where the barometer had fallen more than an inch in the 24 hrs. A slight recovery had already set in on our SW. coasts so that gradients for NW.ly winds became very steep over our Islands. As the centre had passed to the E.ward of Scotland, the wind drew into W. and NW. on our coasts, and rose to a fresh or strong gale over all the N.n parts of the Kingdom, strong W.ly breezes being felt over the Bay of Biscay and our S.n stations also — Temperature had increased everywhere — the change amounting to 22° at Oxford and 17° in London during the 24 hours. — Hard squalls and rain were general, and the sea became high in all exposed places. During the day the centre continued to move E.wds; and the W.ly gales extended to the Norwegian and Danish stations, but in our Islands the recovery of pressure spread to our N.n coasts, and the wind moderated. —

Meteorological Office
116, Victoria Str.t, Westminster SW.
ROBERT H. SCOTT, Director.

Sunday 8 a.m. **WEATHER REPORT.** Nov 23rd 1873.

STATIONS.	BAROMETER. At 8 A.M. — Reduced to 32° F. at the Mean Sea Level.	BAROMETER. Change since yesterday.	THERMOMETERS. (In shade). At 8 A.M. Dry bulb.	THERMOMETERS. At 8 A.M. Wet bulb.	THERMOMETERS. Change in the dry bulb since yesterday.	THERMOMETERS. In past 24 hours. Max.	THERMOMETERS. In past 24 hours. Min.	WIND. At 8 A.M. Direc.	WIND. At 8 A.M. Force. — (0 to 12.)	WIND. Extreme. Force. — (0 to 12.)	WIND. Extreme. Direc.	Amount of Cloud 0 to 10.	Weather. — By Beaufort Scale.	Rainfall. — In past 24 Hours.	Sea Disturbance — 0 to 9.
Haparanda ...	29.18	+.01	26	26	-9	*	*	S	10	8	S	*	s	*	*
Hernösand ...	29.01	.00	36	35	0	*	*	S	4	8	S	*	o	*	*
Stockholm ...	29.01	-.09	35	33	+8	*	*	E	2	?	SE	*	o	*	*
Wisby	29.02	-.26	35	34	-2	*	*	SE	4	4	SE	*	s	*	*
Christiansund ...	28.87	+.31	37	34	-5	*	*	SSW	2	8	W	*	rs	*	6
Skudesnaes ...	28.90	+.25	43	39	0	*	*	SE	6	8	WNW	*	cr	*	4
Oxö (X'tiansand)	29.00	+?.35	36	33	-6	*	*	W	2	2	WNW	*	b	*	3
Skagen (The Skaw)	29.02	+.32	40	39	-1	*	*	WNW	2	*	*	*	o	*	*
Fanö	29.09	+.41	43	41	-2	*	*	WSW	4	*	*	*	c	*	*
Cuxhaven ...	29.21r	+.33	44	44	+3	?	39	WSW	5	9	WNW	9	cm	0.18	4
Sumburgh Head															
Stornoway (Hebrides.)	29.13f	-.04	45	44	-1	51	42	W	8	8	W	10	pw	0.22	6
Thurso... ...	28.91f	-.05	47	45	+1	50	42	WSW	10	9	WSW	9	rw	0.45	5
Wick	28.99f	.00	45	43	0	47	37	NW	7	8	NW	8	ro	0.26	3
Nairn	29.17f	+.06	44	42	-4	51	43	NW	3	9	WNW	8	o	0.08	4
Aberdeen ...	29.14f	+.13	46	42	-2	52	42	W	7	8	NW	2	bq	0.08	2
Leith	29.32f	+.17	47	46	-1	56	46	W	5	4	W	2	cb	0.03	*
Shields... ...	29.42f	+.27	48	44	0	53	46	WNW	7	8	WNW	3	cb	0.03	2
York	29.44f	+.21	50	46	-1	51	45	W	4	7	WNW	4	qc	0.02	*
Scarborough ...	29.41f	+.27	49	45	0	52	46	WNW	6	8	NW	4	bc	—	5
Nottingham ...	29.57f	+.28	53	46	+1	58	49	WNW	7	8	WNW	6	u	0.02	*
Ardrossan ...	29.41f	+.10	49	44	-1	56	48	WNW	8	9	WNW	6	qp	0.09	5
Greencastle ...	29.59r	+.09	47	43	-1	55	46	WNW	7	8	WNW	7	qc	0.04	*
Donaghadee ...	29.56r	+.11	47	43	-2	53	47	W	7	8	WNW	6	c	—	6
Kingstown ...	?29.58f	+.01	50	45	-2	58	50	WNW	8	9	WNW	9	q	—	5
Holyhead ...	29.65f	+.19	51	47	-1	56	50	WNW	7	8	WNW	7	rm	0.04	4
Liverpool (Bidston Obs.)	29.64f	+.20	50	46	0	55	47	W	7	8	W	10	o	0.01	5
Valencia ...	30.00r	+.06	52	50	0	54	48	NNW	5	6	NW	6	mc	0.09	4
Roche's Point ...	29.90r	+.13	51	48	-1	57	49	NW	5	6	NW	6	c	—	4
Pembroke ...	29.79f	+.15	54	50	+1	54	52	WNW	6	7	W	6	cu	0.02	4
Portishead ...	29.68f	+.18	54	51	+2	55	47	W	5	6	NW	6	c	0.01	5
Scilly	29.95s	+.18	54	53	+1	54	52	W	6	7	WNW	5	og	0.01	6
Plymouth ...	29.83f	+.18	53	53	+12	56	49	NW	4	5	NW	10	cm	—	*
Portsmouth ...	29.71f	+.21	56	52	+4	57	45	NW	6	7	NW	7	cqu	—	4
Dover	29.54f	+.26	53	52	0	55	45	NNW	4	5	NW	3	bu	0.01	3
London ...	29.58f	+.21	58	52	+4	58	45	NW	5	7	NW	6	obq	—	*
Oxford... ...	29.62	+.18	56	51	+3	59	45	NW	5	6	WNW	10	o	—	*
Cambridge ...	29.52f	+.23	57	51	+4	58	45	NW	2	5	NW	7	c	—	*
Yarmouth ...	29.43f	+.24	52	49	+1	54	40	WNW	7	7	WNW	5	cq	—	4
Helder... ...				*		*	*			*	*	*	*	*	
Cape Gris Nez...	29.58f	+.26	54	52	+2	54	48	WNW	7	8	NW	9	o	0.04	5
Brest	30.05r	+.17	55	53	+1	56	51	NW	4	5	NW	10	o	—	4
L'Orient ...	30.01r	+.21	54	54	0	59	51	NW	5	5	NW	10	bo	—	4
Rochefort ...	30.07r	+.16	53	51	0	55	49	NW	4	7	NW	10	rf	0.08	5
Biarritz ...	30.19r	+.05	54	50	0	55	48	WNW	5	8	W	10	r	0.47	5
Corunna ...				*		*	*			*	*	*		*	
Brussels ...	29.47	+.21	55	*	+7	*	*	WSW	?	*	*	*	or	*	*
Charleville ...	?		49	*	+8	*	*	W	6	*	*	*	r	*	*
Paris	29.75r		54	?	+6	55	47	W	3	?	?	10	o	—	*
Lyons	?		50	*	+7	*	*	S	1	*	*	*	r	*	*
Toulon... ...	29.70r	-.21	51	44	+10	53	40	NW	7	7	NW	2	rc	—	5

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		C.	Wea.	Sea.
Skudesnaes ...	29.93	41	41	WNW	10	*	r	6
Thurso ...	29.25	44	41	?SSW	4	6	pc	4
Scarborough...	29.31	50	45	NW	8	1	b	6
Greencastle ...	29.62	49	47	WNW	4	9	o	*
Holyhead ...	29.62	52	49	WNW	6	5	m	5

	Bar.	Dry.	Wet.	Wind.		C.	Wea.	Sea.
Valencia ...	29.97	53	53	WNW	4	9	m	4
Scilly ...	29.87	53	52	WNW	7	0	bm	6
London ...	29.51	53	46	NW	6	9	oqc	*
Rochefort ...	29.83	54	52	NW	7	10	r	5

Pressure has increased generally, very quickly in the extreme N.; and the winds are moderating on our NW. coasts. Very little other change is reported.—

EXPLANATION OF COLUMNS.

BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER:** *Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. wet, dew.

* AN ASTERISK is inserted in all places for which no information is received. The "extreme" wind for the Swedish and Norwegian Stations is an observation taken at 8 p.m.

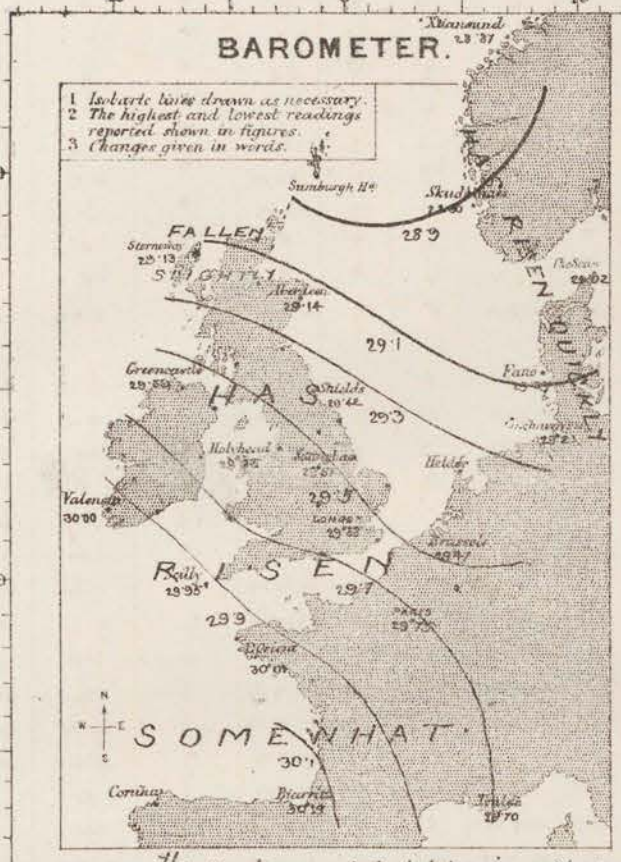
N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS

AND REMARKS FOR

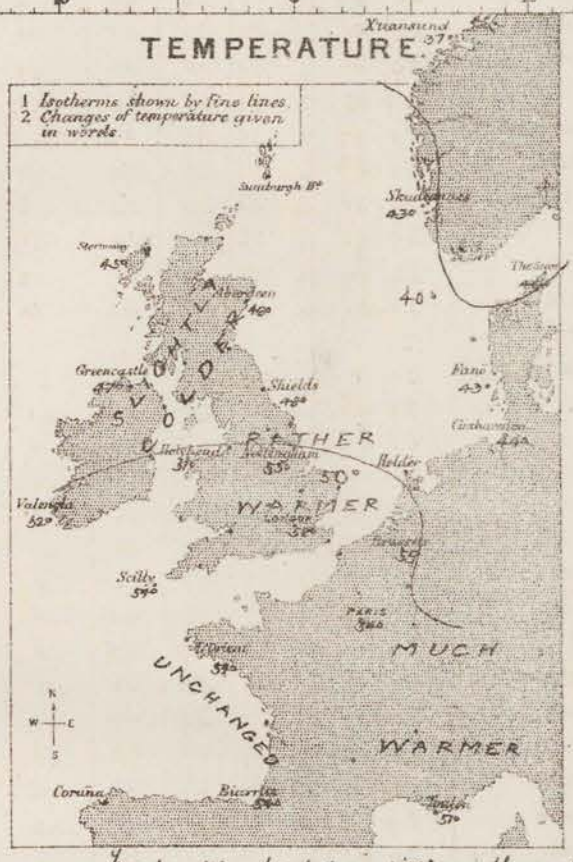
SUNDAY 23RD NOVEMBER 1873 AT 8 A.M.

BAROMETER.



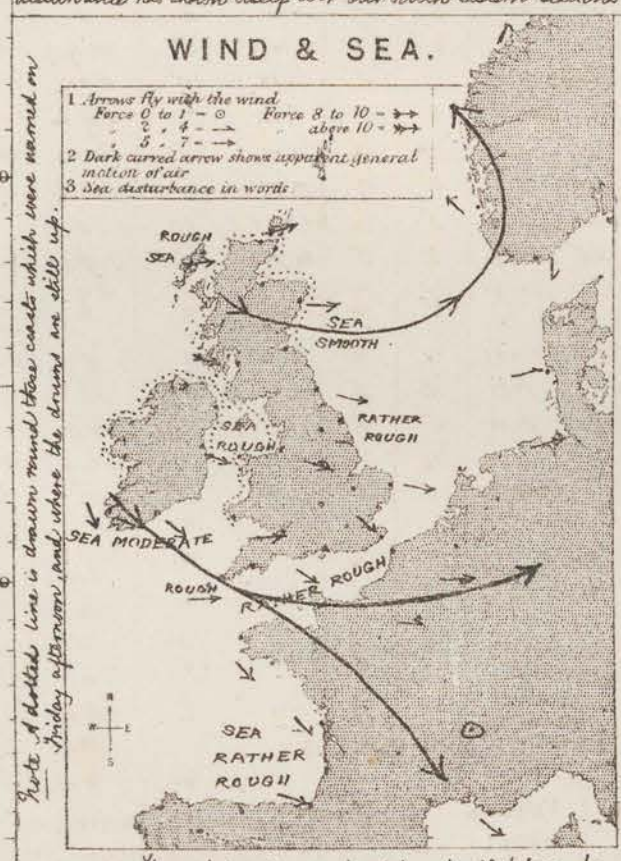
The very large and deep depression noticed over the west of Norway yesterday morning travelled E.ward during the day, and a very brisk recovery took place on our north and east coasts. The improvement was, however, very temporary; for during the night a fresh and rapid decrease has taken place, and the centre of a new disturbance now lies near the Shetland Isles. The gradient from Valencia to Thurso is 0·11in. per 30 miles. At the same time a small shallow disturbance has shown itself over our south-eastern stations.

TEMPERATURE.



Temperature has fallen a little in the north and north-west of our Islands, but has again risen at the south-eastern stations. It is now very high for the time of year — especially in France and the south of our Islands.

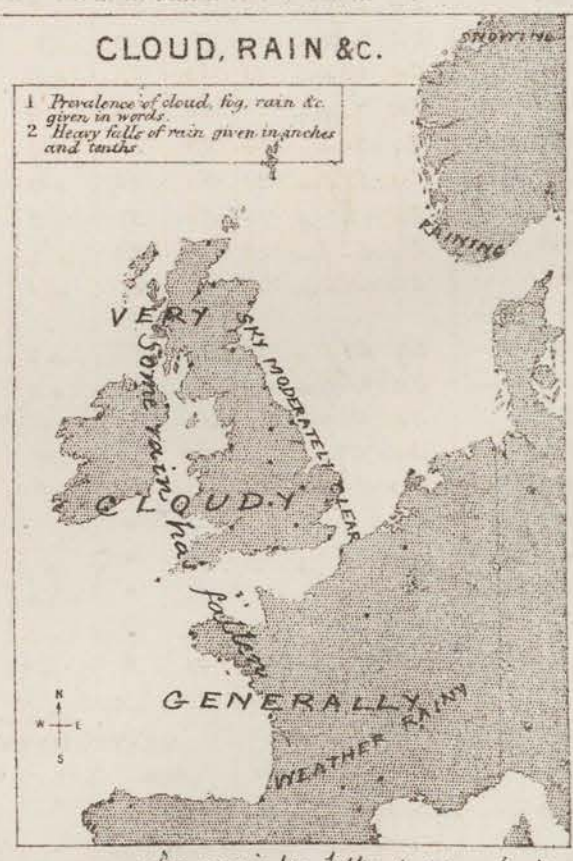
WIND & SEA.



The wind, after moderating in all places, has again risen to the force of a gale from WNW over the northern parts of the British Isles, while at Skudesnæs (where the W.ly gale of the previous disturbance was felt last evening) it has shifted to SE and blows rather strongly. On our southern coasts and in France the wind is moderate from NW.

The sea is rough on all the exposed parts of our northern coasts and at Scilly — moderate elsewhere.

CLOUD, RAIN &c.



Some rain has fallen in many parts — most in the north of Scotland. The sky is moderately clear except in the south, but the weather is very unsettled.

The drums remain hoisted on our north and west coasts.

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Delivery by hand 10/ per quarter.
" " book post 5/ per quarter.

Meteorological Office
116, Victoria Strt. Westminster S.W.
ROBERT H. SCOTT, Director.

Vincent Brooks Day & Son Lith. London W.C.

Mon- day 8 a.m. WEATHER REPORT. Nov 24th 1873.

STATIONS.	BAROMETER. At 8 A.M. Reduced to 32° F. at the Mean Sea Level.	BAROMETER. Change since yesterday.	THERMOMETERS. (In shade). At 8 A.M. Dry bulb.	THERMOMETERS. At 8 A.M. Wet bulb.	THERMOMETERS. Change in the dry bulb since yesterday.	THERMOMETERS. In past 24 hours. Max.	THERMOMETERS. In past 24 hours. Min.	WIND. At 8 A.M. Direc.	WIND. At 8 A.M. Force (0 to 12.)	WIND. Extreme. Force. (0 to 12.)	WIND. Extreme. Direc.	Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Disturbance 0 to 9.
Haparanda ...	29.29	+ .11	18	18	−8	*	*	S	2	8	S	*	o	*	*
Hernösand ...	29.08	+ .07	34	33	1 2	*	*	Z	0	2	S	*	o	*	*
Stockholm ...	29.12	+ .11	35	34	0	*	*	SSW	2	2	S	*	f	*	*
Wisby	29.13	+ .11	33	32	−2	*	*	S	2	2	SE	*	oc	*	*
Christiansund ...	29.15	+ .28	35	34	−2	*	*	NSW	4	0	Z	*	oc	*	7
Skudesnaes ...	29.32	+ .42	41	39	−2	*	*	NNW	6	6	NSW	*	rc	*	7
Oxö (X'tiansand)	29.29	+ .29	39	37	+3	*	*	NSW	4	6	SE	*	rb	*	4
Skagen (The Skaw)	29.25	+ .23	41	39	+1	*	*	NW	6	*	*	*	b	*	*
Fanö	29.48	+ .39	45	42	+2	*	*	N	8	*	*	*	c	*	*
Cuxhaven ...	29.61r	+ .40	47	44	+3	?	41	NW	8	10	N	?	mo	0.08	?
Sumburgh Head															
Stornoway (Hebrides.)	29.41r	+ .28	40	39	−5	46	36	N	3	8	N	5	qpb	0.21	4
Thurso... ...	29.35r	+ .44	39	37	−8	48	37	SW	1	10	NSW	7	pq	0.14	3
Wick	29.39r	+ .40	39	38	−6	45	35	SW	2	8	NW	7	cd	0.06	1
Nairn	29.47r	+ .30	39	37	−5	46	37	NW	2	6	NW	8	po	0.11	3
Aberdeen ...	29.49r	+ .35	40	37	−6	48	35	SW	2	9	N	7	bc	–	1
Leith	29.61r	+ .29	43	42	−4	51	41	N	2	6	N	10	bo	–	*
Shields... ...	29.71r	+ .29	45	42	−3	49	42	S	3	? 11	NNW	9	bo	0.01	2
York	29.78r	+ .34	45	43	−5	52	42	S	1	5	N	10	cq	–	*
Scarborough ...	29.75r	+ .34	43	42	−6	55	42	NSW	2	6	NNW	10	cd	–	3
Nottingham ...	29.85r	+ .28	45	43	−8	53	43	SSW	3	7	NNW	10	om	–	*
Ardrossan ...	29.65r	+ .24	48	45	−1	50	46	NSW	5	8	NNW	8	qo	0.07	4
Greencastle ...	29.69f	+ .10	45	44	−2	48	43	N	4	7	NNW	10	q	0.09	*
Donaghadee ...	29.71f	+ .15	44	43	−3	49	42	N	4	7	N	6	c	–	4
Kingstown ...	29.81f	+ .23	48	45	−2	52	46	N	2	8	NNW	10	qo	–	1
Holyhead ...	29.80f	+ .15	48	47	−3	52	42	NSW	2	7	NNW	7	cm	–	2
Liverpool (Bidston Obs.)	29.86r	+ .22	46	43	−4	50	45	SW	2	7	N	9	co	–	4
Valencia ...	29.90f	− .10	49	48	−3	53	47	NSW	3	5	NNW	9	qo	0.03	3
Roche's Point ...	29.88f	− .02	48	47	−3	58	46	NSW	1	5	NW	9	co	0.06	3
Pembroke ...	29.89f	+ .10	49	48	−5	54	49	N	1	6	NNW	10	cf	0.07	3
Portishead ...	29.90r	+ .22	47	46	−7	57	44	SW	2	6	NW	10	co	–	1
Scilly	29.93f	− .02	53	53	−1	?	50	NSW	5	6	N	10	of	0.39	5
Plymouth ...	29.93f	+ .10	49	49	−4	56	47	Z	0	4	NW	10	rf	0.18	*
Portsmouth ...	29.95r	+ .24	49	48	−7	57	45	NSW	1	6	NW	8	cr	–	1
Dover	29.93r	+ .39	45	43	−8	57	43	N	3	6	NNW	5	cq	–	2
London ...	29.91r	+ .33	45	43	−13	58	42	NSW	2	7	NNW	10	qco	–	*
Oxford... ...	29.91	+ .29	45	44	−11	56	43	SW	1	8	NNW	10	cm	–	*
Cambridge ...	29.88r	+ .36	42	41	−15	57	42	SW	1	3	NW	9	co	–	*
Yarmouth ...	29.86r	+ .43	44	43	−8	54	41	NSW	3	7	NNW	6	qc	–	3
Helder	29.80		48	*		*	*	NNW	7	*	*	*	*	*	4
Cape Gris Nez...	29.93r	+ .35	50	46	−4	55	47	NNW	5	7	NNW	8	o	–	4
Brest	30.05f	.00	55	55	0	58	50	NNW	4	4	NW	10	om	0.12	4
L'Orient ...	30.03f	+ .02	54	54	0	62	50	NSW	4	5	NW	10	or	0.12	3
Rochefort ...	30.13r	+ .06	52	50	−1	55	48	N	1	5	NW	10	o	–	3
Biarritz ...	30.14f	− .05	52	52	−2	57	48	ESE	4	7	NNW	6	mf	–	5
Corunna ...				*		*	*			*	*	*		*	
Brussels ...	29.96	+ .49	42	*	−13	*	*	SW	3	*	*	*	rc	*	*
Charleville ..	30.05	?	37	*	−12	*	*	N	3	*	*	*	o	*	*
Paris	30.06r	+ .31	47	?	−7	58	47	*	1	7	NNW	10	or	0.12	*
Lyons	?		52	*	+2	*	*	N	1	*	*	*	f	*	*
Toulon... ...	29.81r	+ .21	54	47	+3	60	49	NW	7	8	NW	2	b	–	6

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		C.	Wea.	Sea.
Skudesnaes ...	28.76	46	45	NSW	6	*	r	6
Thurso ...								
Scarborough...								
Greencastle ...								*
Holyhead ...								

	Bar	Dry.	Wet.	Wind.		C.	Wea	Sea.
Valencia ...								
Scilly ...								
London ...								
Rochefort ...	30.08	54	54	NW	7	10	o	5

EXPLANATION OF COLUMNS.

BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER**: *Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. wet, dew.

* AN ASTERISK is inserted in all places for which no information is received. The "extreme" wind for the Swedish and Norwegian Stations is an observation taken at 8 p.m.

N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

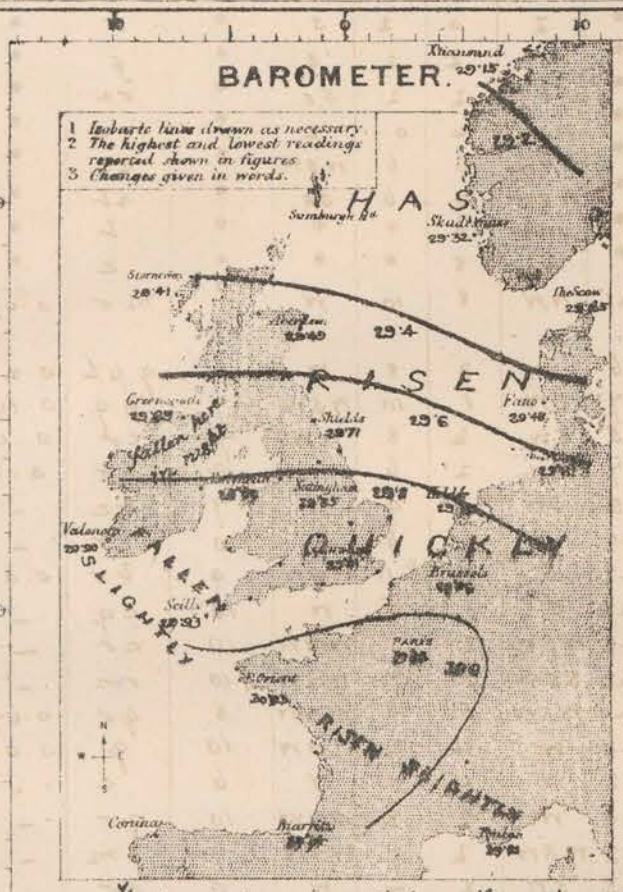
WEATHER CHARTS

AND REMARKS FOR

MONDAY 24TH NOVEMBER 1873 AT 8 A.M.

BAROMETER.

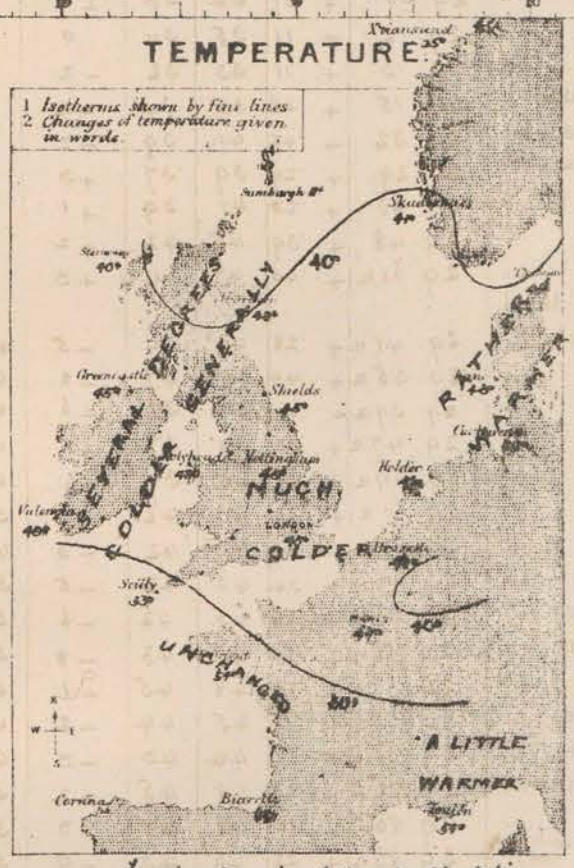
1 Isobaric lines drawn as necessary.
2 The highest and lowest readings reported shown in figures.
3 Changes given in words.



The small depression noticed over the south east of our Islands yesterday has entirely disappeared, while the larger one whose influence then extended over north western Europe is fast travelling away over Scandinavia. Barometrical pressure has consequently increased briskly in most places; but on our west coasts the mercury has begun to fall slowly during the night. The highest readings are over France, the gradients from Cape Bris to Ouessant being 0·085 in per 50 miles.

TEMPERATURE.

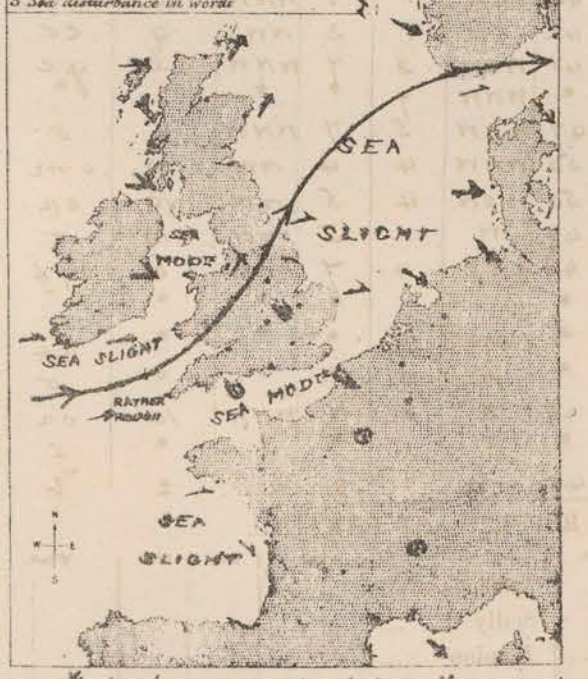
1 Isotherms shown by fine lines.
2 Changes of temperature given in words.



Temperature has fallen at all stations. Over the southern parts of central England and in the neighbourhood of Belgium the change exceeds 10°.

WIND & SEA.

1 Arrows fly with the wind. Force 0 to 1 – ⊙ ; 2, 4 – →; 5, 7 – →; Force 8 to 10 – ↣; above 10 – ↣
2 Dark curved arrow shows apparent general motion of air
3 Sea disturbance in words

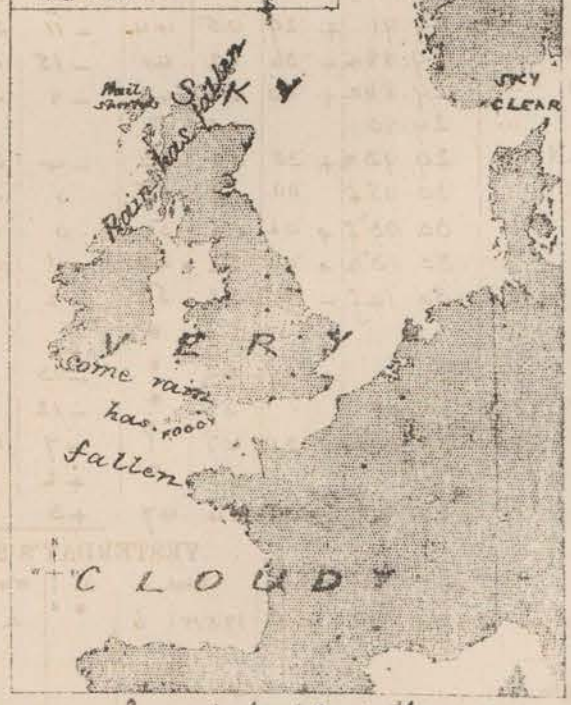


The WNW gale which prevailed over the greater part of the country yesterday has subsided, but on the Danish coasts similar gales are still felt. Light W to SW breezes are now chiefly prevalent on our coasts.

The sea is moderate except on the Norwegian coast.

CLOUD, RAIN &c.

1 Prevalence of cloud, fog, rain &c. given in words.
2 Heavy falls of rain given in inches and tenths.



Some rain has fallen in the south western and north. The sky is overcast or very cloudy generally, with hail at Stornoway. Aurora and some lightning were seen in London last night.

Subscription for these Charts payable in advance. Delivery by hand 10/ per quarter. ——, book post 5/ per quarter.

Meteorological Office
116, Victoria Strt. Westminster. S.W.
ROBERT H. SCOTT, Director.

Vincent Brooks Day & Son Lith. London W.C.

Tues-day 8 a.m. WEATHER REPORT. Nov 25th 1873.

STATIONS.	BAROMETER. At 8 A.M. — Reduced to 32° F. at the Mean Sea Level.	BAROMETER. Change since yesterday.	THERMOMETERS. (In shade). At 8 A.M. Dry bulb.	THERMOMETERS. At 8 A.M. Wet bulb.	THERMOMETERS. Change in the dry bulb since yesterday.	THERMOMETERS. In past 24 hours. Max.	THERMOMETERS. In past 24 hours. Min.	WIND. At 8 A.M. Direc.	WIND. At 8 A.M. Force. — (0 to 12.)	WIND. Extreme. Force. — (0 to 12.)	WIND. Extreme. Direc.	Amount of Cloud 0 to 10.	Weather. — By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Disturbance. — 0 to 9.
Haparanda ...	29.28	-.01	10	10	-8	*	*	NE	2	2	S	*	o	*	*
Hernösand ...	29.21	+.13	22	21	-12	*	*	NSW	2	2	NSW	*	b	*	*
Stockholm ...	29.24	+.12	33	32	-2	*	*	W	4	4	W	*	o	*	*
Wisby	29.32	+.19	41	40	+8	*	*	NW	8	6	NW	*	co	*	*
Christiansund ...	29.24	+.09	37	36	+2	*	*	W	8	2	SSE	*	so	*	7
Skudesnaes ...	29.59	+.27	42	37	+1	*	*	W	6	8	WNW	*	co	*	4
Oxö (X'tiansand)	29.60	+.31	40	37	+1	*	*	W	6	4	W	*	cfo	*	? 4
Skagen (The Skaw)	29.50	+.25	43	39	+2	*	*	NW	10	*	*	*	b	*	*
Fanö	29.82	+.34	44	41	-1	*	*	W	8	*	*	*	c	*	*
Cuxhaven ...	29.95r	+.34	46	43	-1	?	43	W	4	4	WSW	3	cb	-	?
Sumburgh Head															
Stornoway (Hebrides)	29.80r	+.29	38	38	-2	42	35	W	2	4	WNW	4	blc	0.40	4
Thurso... ...	? 29.70r	+.35	42	39	+3	44	37	WNW	5	5	W	8	pq	0.39	5
Wick	29.77r	+.38	37	37	-2	42	33	SW	3	7	NW.	6	pc	0.15	2
Nairn	29.85r	+.38	41	39	+2	43	37	NW	1	2	NW	8	po	0.10	1
Aberdeen ...	29.82r	+.33	39	36	-1	42	35	WSW	1	4	W	0	bm	—	1
Leith	29.95r	+.34	41	40	-2	49	40	W	3	4	W	1	pb	0.03	*
Shields... ...	30.04r	+.33	39	38	-6	48	39	SSW	2	6	W	6	bm	—	2
York	30.09r	+.31	37	36	-8	50	32	S	1	3	W	5	cf	—	*
Scarborough ...	30.07r	+.32	37	36	-6	51	37	WSW	2	3	W	1	cb	—	2
Nottingham ...	30.14r	+.29	35	34	-10	50	35	W	1	4	WSW	6	cf	—	*
Ardrossan ...	30.00r	+.35	46	43	-2	49	45	W	4	7	WSW	5	c	0.18	3
Greencastle ...	30.03r	+.34	43	41	-2	46	40	WNW	1	8	WNW	10	co	0.05	*
Donaghadee ...	30.04r	+.33	38	37	-6	49	37	WSW	4	4	WNW	3	cb	—	3
Kingstown ...	30.08r	+.27	45	42	-3	51	44	SSE	1	5	WNW	8	co	—	1
Holyhead ...	30.05r	+.25	45	43	-3	51	44	SW	1	3	W	6	bm	0.03	1
Liverpool (Bidston Obs.)	30.15r	+.29	41	39	-5	? 50	41	?	2	5	WSW	6	oc	—	3
Valencia ...	29.97f	+.07	50	50	+1	52	42	S	2	3	WNW	9	m	0.18	2
Roche's Point ...	30.00s	+.12	51	51	+3	52	47	SSE	4	4	SSE	9	orv	0.18	?
Pembroke ...	30.09r	+.20	48	47	-1	51	46	ESE	2	3	WNW	10	cm	0.01	2
Portishead ...	30.14r	+.24	43	43	-4	57	37	ESE	1	3	SW	10	om	—	1
Scilly	30.09r	+.16	53	52	0	54	51	S	4	5	WSW	10	f	0.04	4
Plymouth ...	30.13r	+.20	50	50	+1	55	47	E	1	2	NW	10	fm	0.03	*
Portsmouth ...	30.18r	+.23	46	45	-3	52	42	E	1	3	SW	7	om	0.08	1
Dover	30.17r	+.24	47	45	+2	50	43	ESE	1	4	W	10	bq	0.02	1
London ...	30.18r	+.27	37	37	-8	52	36	Z	0	3	WSW	10	obf	—	*
Oxford... ...	30.17	+.26	38	37	-7	52	34	Z	0	2	SW	10	of	0.04	*
Cambridge ...	30.16r	+.28	35	34	-7	51	34	SW	1	1	SW	7	oc	—	*
Yarmouth ...	30.14r	+.28	39	39	-5	49	38	WSW	1	3	WSW	4	cm	—	3
Helder... ...	30.09	+.29	46	*	-2	*	*	WNW	4	*	*	*	*	*	2
Cape Gris Nez...	? 30.12r	+.29	47	45	-3	52	46	E	1	5	WSW	10	o	—	1
Brest	30.17r	+.12	52	52	-2	55	50	SSW	3	4	WNW	10	m	0.08	3
L'Orient ...	30.12r	+.09	52	52	-2	60	51	Z	0	3	WNW	10	f	0.04	2
Rochefort ...	30.21r	+.08	51	49	-1	54	48	SSW	1	3	SSE	10	of	—	3
Biarritz ...	30.17r	+.03	55	53	+3	58	51	E	1	4	E	10	f	—	5
Corunna ...				*		*	*			*	*	*		*	
Brussels ...	30.17	+.21	49	*	+7	*	*	W	3	*	*	*	ro	*	*
Charleville ...	30.24	+.19	45	*	+8	*	*	SW	1	*	*	*	f	*	*
Paris	30.22r	+.16	51	?	+4	54	47	W	1	4	W	10	or	0.04	*
Lyons	?		52	*	0	*	*	S	1	*	*	*	m	*	*
Toulon... ...	30.16r	+.35	55	55	+1	64	49	E	3	7	NW	8	cf	—	4

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		C.	Wea.	Sea.
Skudesnaes ...	29.31	41	39	NNW	6	*	o	7
Thurso ...	29.38	39	37	SW	4	6	pbc	4
Scarborough...	29.72	48	46	W	3	7	p	2
Greencastle ...	29.81	45	42	WNW	7	2	b	*
Holyhead ...	29.84	50	47	W	3	5	c	3

	Bar	Dry.	Wet.	Wind.		C.	Wea.	Sea.
Valencia ...	29.98	51	50	WNW	3	7	c	3
Scilly ...	29.98	53	53	W	4	10	f	5
London ...	29.90	52	50	WSW	3	10	o	*
Rochefort ...	30.13	54	52	? SW	3	10	o	3

The slight fall noticed in the W this morning has extended to the E stations, while a brisk recovery has taken place in Ireland. The wind has again become strong from WNW at Greencastle, with clear weather.

EXPLANATION OF COLUMNS.

BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER**; *Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. wet, dew.

* AN ASTERISK is inserted in all places for which no information is received. The "extreme" wind for the Swedish and Norwegian Stations is an observation taken at 8 p.m.

N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

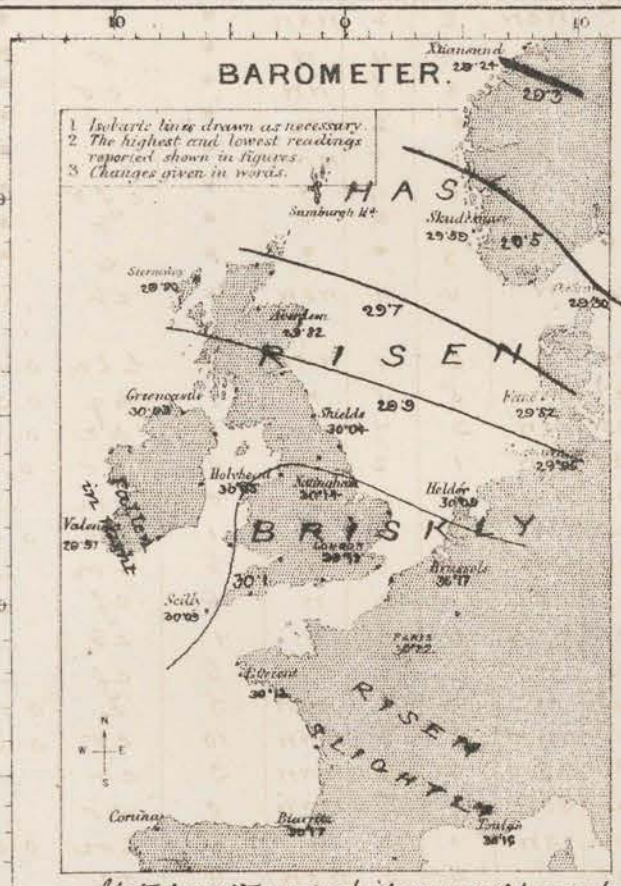
WEATHER CHARTS

AND REMARKS FOR

TUESDAY 25TH NOVEMBER 1873 AT 8 A.M.

BAROMETER.

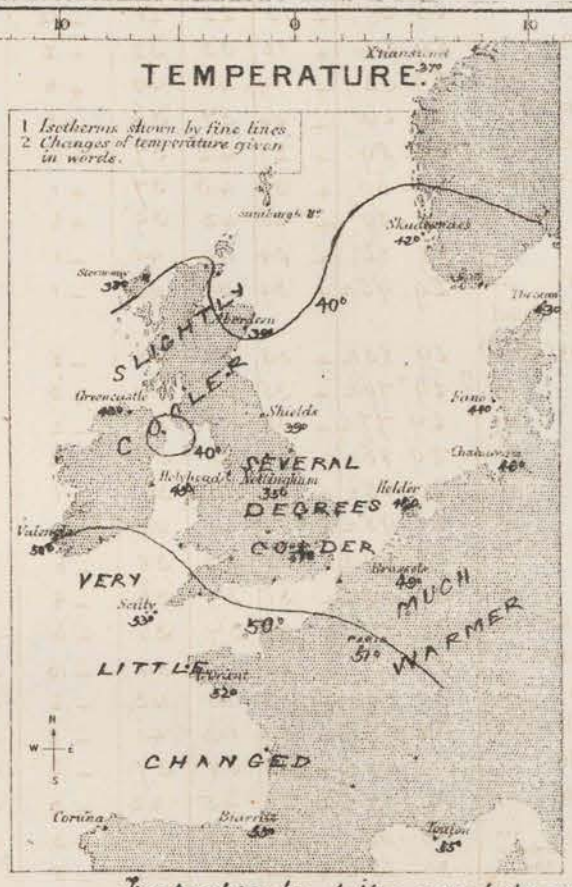
1. Isobaric lines drawn as necessary.
2. The highest and lowest readings reported shown in figures.
3. Changes given in words.



Yesterday afternoon a brisk recovery of pressure had commenced on our western coasts, which has since extended to all parts of north-western Europe, having been greatest over Scotland and the North Sea. The highest readings are now in the south; but while the gradients from Brest to Valencia is only 0·03in., that from Aberdeen to Christiansund is 0·085in. per 50 miles.

TEMPERATURE.

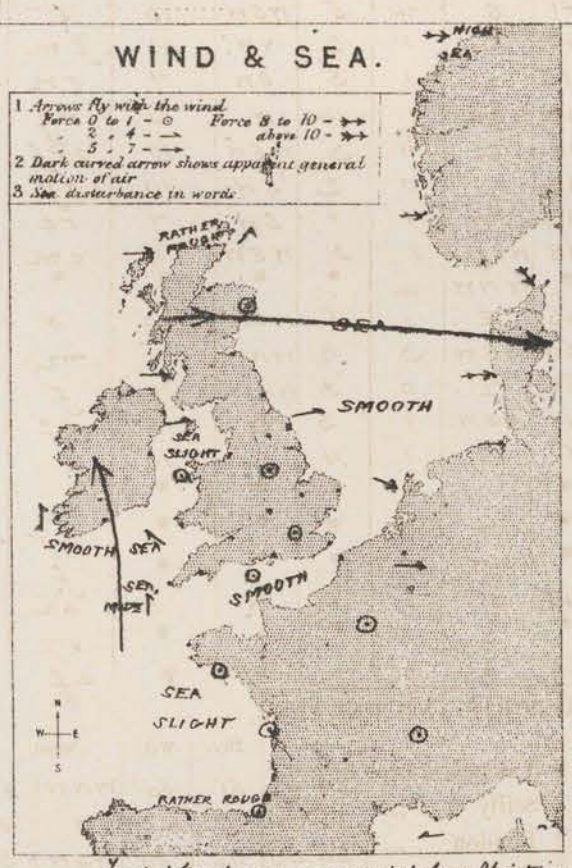
1. Isotherms shown by fine lines.
2. Changes of temperature given in words.



Temperature has fallen several degrees over England, Holland and the north of France, but changes locally and irregularly elsewhere.

WIND & SEA.

1. Arrows fly with the wind.
   Force 0 to 1 – ⊙ Force 8 to 10 – ⟶⟶
   " 2 " 4 – ⟶ above 10 – ⟶⟶
   " 5 " 7 – ⟶
2. Dark curved arrow shows apparent general motion of air.
3. Sea disturbance in words.



Fresh W^rly gales are now reported from Christiansund and Fano, and a whole gale from NW at the Scaw, while strong W^rly breezes are blowing at Skudesnæs and Oxö. In our Islands, however, the winds are light to moderate – S^rly at our western stations and W^rly in Scotland – while calms prevail in the south-east.

The sea is high or rough in the extreme north, slight or smooth on nearly all our own and the French coasts.

CLOUD, RAIN &c.

1. Prevalence of cloud, fog, rain &c. given in words.
2. Heavy falls of rain given in inches and tenths.

A little rain has fallen in several places, and a considerable quantity with some hail in the extreme north of Scotland. Lightning has been seen at Stornoway. The sky is now clear in the north-east, very cloudy or foggy elsewhere.

Subscription for these Charts payable in advance to our delivery.
Delivery by hand 10/ per quarter
" " book post 5/ per quarter.

Meteorological Office
116, Victoria Str^t. Westminster S.W.
ROBERT H. SCOTT, Director.

Vincent Brooks Day & Son Lith. London W.C.

Wednesday 8 a.m. · WEATHER REPORT. Nov 26th 1873.

STATIONS.	BAROMETER At 8 A.M. Reduced to 32° F. at the Mean Sea Level.	Change since yesterday.	THERMOMETERS (In shade). At 8 A.M. Dry bulb.	Wet bulb.	Change in the dry bulb since yesterday.	In past 24 hours. Max.	Min.	WIND At 8 A.M. Direc.	Force. (0 to 12.)	Extremes. Force. (0 to 12.)	Direc.	Amount of Cloud 0 to 10.	Weather By Beaufort Scale	Rainfall. In past 24 Hours.	Sea Disturbance 0 to 9.
Haparanda ...	29.38	+.10	10	9	0	*	*	N	1	2	NE	*	f	*	*
Hernösand ...	29.51	+.30	27	27	+5	*	*	N	2	0	Z	*	b	*	*
Stockholm ...	29.75	+.51	31	30	−2	*	*	N	4	4	N	*		*	*
Wisby	29.77	+.45	37	33	−4	*	*	NNW	6	8	NNW	*		*	*
Christiansund ...	29.59	+.30	37	32	0	*	*	NNW	9	10	N			*	8
Skudesnaes ...	29.71	+.12	44	40	+2	*	*	S	6	2	ENE	*		*	4
Oxö (X'tiansand)	29.87	+.27	45	43	+5	*	*	SSW	6	4	NNW	*	r	*	4
Skagen (The Skaw)	29.84	+.34	42	40	−1	*	*	NSW	8	*	*	*	bc	*	*
Fanö	29.99	+.17	45	43	+1	*	*	SSW	4	*	*	*	o	*	*
Cuxhaven ...													c		
Sumburgh Head															
Stornoway (Hebrides.)	29.27f	−.52	50	50	+12	50	36	SSW	7	7	SSW	10	pw	0.45	6
Thurso... ...	29.34f	−?36	46	45	+4	46	36	S	2	5	NNW	8	cq	0.32	2
Wick	29.39f	−.38	47	47	+10	47	35	S	2	3	NNW	8	co	0.17	1
Nairn	29.41f	−.44	50	48	+9	50	38	?	3	3	NW	8	co	0.04	1
Aberdeen ...	29.49f	−.33	48	47	+9	48	36	SSW	4	4	SSW	9	bo	0.13	2
Leith	29.54f	−.41	52	50	+11	54	40	N	3	3	SW	6	bc	0.20	*
Shields... ...	29.71f	−.33	48	48	+9	48	39	SSW	3	3	N	7	oc	0.17	3
York	29.79f	−.30	50	49	+13	51	37	S	1	1	S	10	cq	0.07	*
Scarborough ...	29.74f	−.33	50	49	+13	?	37	SW	5	2	WSW	8	bq	0.05	4
Nottingham ...	29.83f	−.31	53	51	+18	53	35	SSW	5	5	S	10	mo	0.03	*
Ardrossan ...	29.54f	−.46	52	50	+6	52	44	SSW	6	7	SSW	8	ro	0.68	5
Greencastle ...	29.45f	−.58	50	49	+7	50	42	SSW	5	5	SSW	10	rq	0.36	*
Donaghadee ...	29.54f	−.50	51	50	+13	51	37	S	7	7	S	10	do	0.24	6
Kingstown ...	29.58f	−.50	52	51	+7	54	45	SSE	4	4	SSE	10	m	—	3
Holyhead ...	29.65f	−.40	52	51	+7	53	44	SSW	5	4	SW	10	rd	0.22	3
Liverpool (Bidston Obs.)	29.78f	−.37	50	48	+9	50	?40	SE	3	4	SE	10	co	0.27	2
Valencia ...	29.36f	−.61	54	54	+4	55	48	SSW	7	7	SSW	9	r	0.65	6
Roche's Point ...	29.47f	−.53	52	52	+1	56	50	S	8	8	S	9	mr	0.40	5
Pembroke ...	29.71f	−.38	52	51	+4	52	48	S	6	6	S	10	fm	0.08	4
Portishead ...	29.82f	−.32	54	53	+11	55	40	S	6	3	SSE	8	mqg	—	3
Scilly	29.72f	−.37	54	54	+1	54	51	S	7	7	S	9	ou	0.02	6
Plymouth ...	29.83f	−.30	54	54	+4	55	50	SSW	4	4	SSW	10	dq	0.03	*
Portsmouth ...	29.94f	−.24	51	51	+5	53	45	SW	1	1	NW	9	md	0.04	1
Dover	29.98f	−.19	51	50	+4	51	46	SW	4	1	E	10	dq	0.03	3
London ...	29.92f	−.26	52	51	+15	53	36	SSW	3	4	SSW	10	fod	0.02	*
Oxford... ...	29.89	−.28	52	51	+14	52	38	S	2	2	S	10	om	0.01	*
Cambridge ...	29.90f	−.26	52	51	+17	52	34	SSW	2	1	SW	10	q	0.01	*
Yarmouth ...	29.93f	−.21	50	50	+11	51	38	S	3	3	SSW	10	mo	—	3
Helder... ...	30.03	−.06	45	*	−1	*	*	S	?7	*	*	*	*	*	2
Cape Gris Nez...	29.97f	−?.15	50	48	+3	53	46	SSW	4	1	S	8	fo	—	3
Brest	29.92f	−.25	56	56	+4	55	50	S	5	5	S	10	m	0.08	4
L'Orient ...	29.97f	−.15	53	53	+1	60	50	WSW	3	3	?	9	fo	—	2
Rochefort ...	30.09f	−.12	49	49	−2	53	45	ESE	3	4	SE	10	fo	—	3
Biarritz ...	30.10f	−.07	46	37	−9	55	?	S	5	3	E	5	mc	—	5
Coruna ...				*		*	*			*	*	*		*	
Brussels ...	30.09	−.08	49	*	0	*	*	S	3	*	*	*	o	*	*
Charleville ...	30.17	−.07	47	*	+2	*	*	SE	3	*	*	*	c	*	*
Paris	30.08f	−.14	45	?	−6	54	44	SE	4	3	SSE	10	o	—	*
Lyons	?		52	*	0	*	*	S	1	*	*	*	m	*	*
Toulon... ...	30.30r	+.14	52	52	−3	62	51	E	4	4	E	?	co	—	3

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry	Wet.	Wind		C	Wea.	Sea.
Skudesnaes ...	29.78	39	35	N	6	*	r	7
Thurso ...	29.81	44	41	NNW	4	5	pc	4
Scarborough...	30.10	42	40	NSW	2	1	b	2
Greencastle ...	29.99	45	43	SE	1	10	q	*
Holyhead ...	30.05	49	48	SW	1	10	m	1

	Bar	Dry.	Wet	Wind.		C	Wea.	Sea.
Valencia ...	29.92	53	52	S	4	9	r	4
Scilly ...	30.06	54	53	S	4	8	o	*
London ...	30.19	49	47	WSW	1	5	fm	3
Rochefort ...	30.20	52	50	SE	1	10	f	

Pressure has decreased slightly at the N^rn and SW^rn Stations, but continues to increase in the N and E. The winds show remarkably little change; but temperature has risen considerably in London.

EXPLANATION OF COLUMNS.

BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER**: *Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. wet dew.

* AN ASTERISK is inserted in all places for which no information is received. The "extreme" wind for the Swedish and Norwegian Stations is an observation taken at 8 p.m.

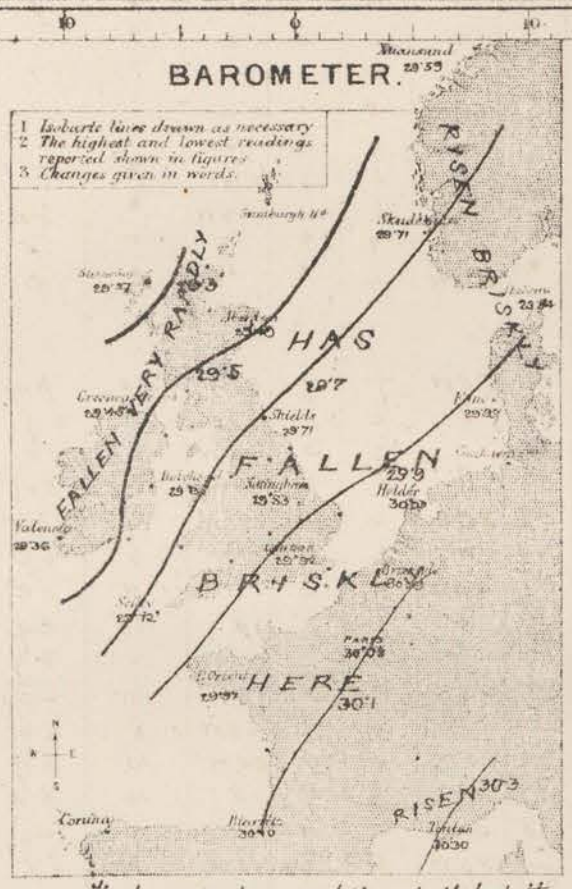
N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS

AND REMARKS FOR

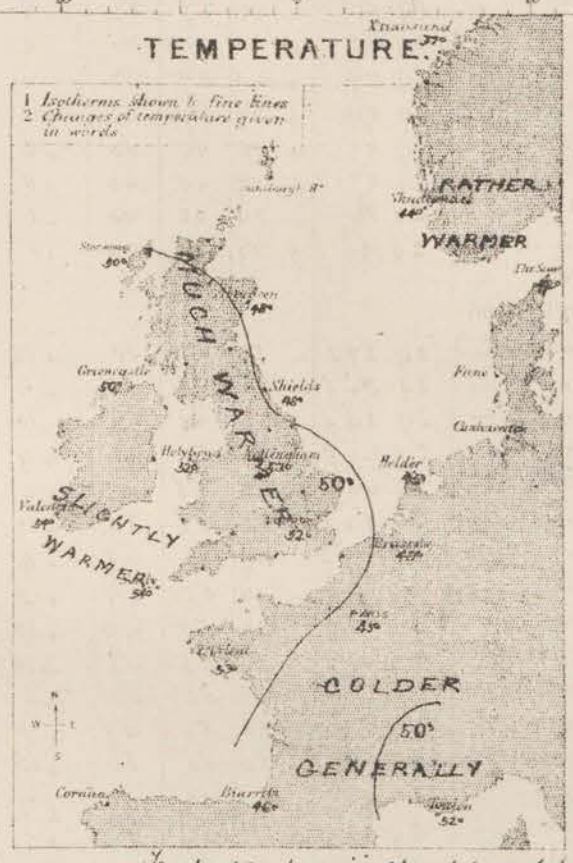
WEDNESDAY 26th NOVEMBER 1873 AT 8 A.M.

BAROMETER.



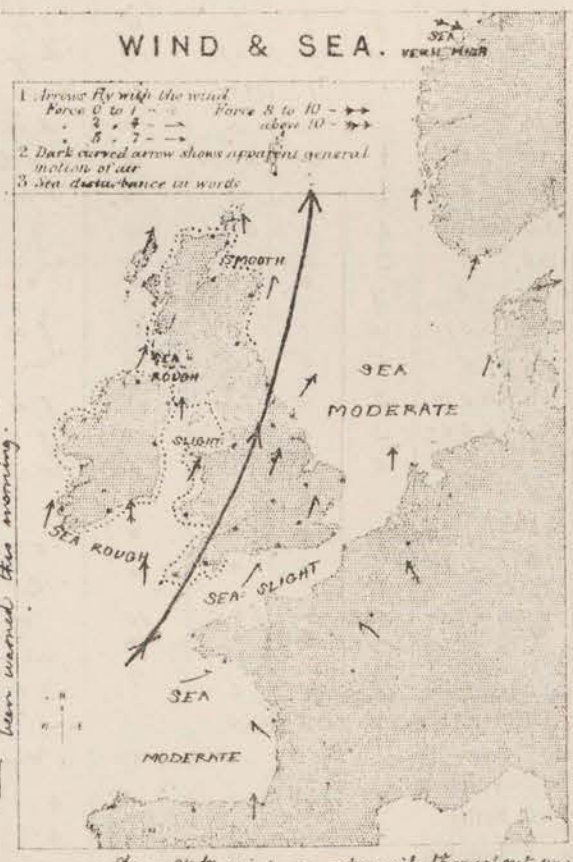
The barometer has now fallen at all but the Norwegian and southern French stations, the change having been rapid along all our western coasts. The highest readings are now found in the south east of France, the lowest in the west of our Islands; and the gradient from Brest to Valencia is 0·09 in per 50 miles.

TEMPERATURE.



Temperature has risen almost everywhere — rapidly in the British Isles; and is very high generally.

WIND & SEA.

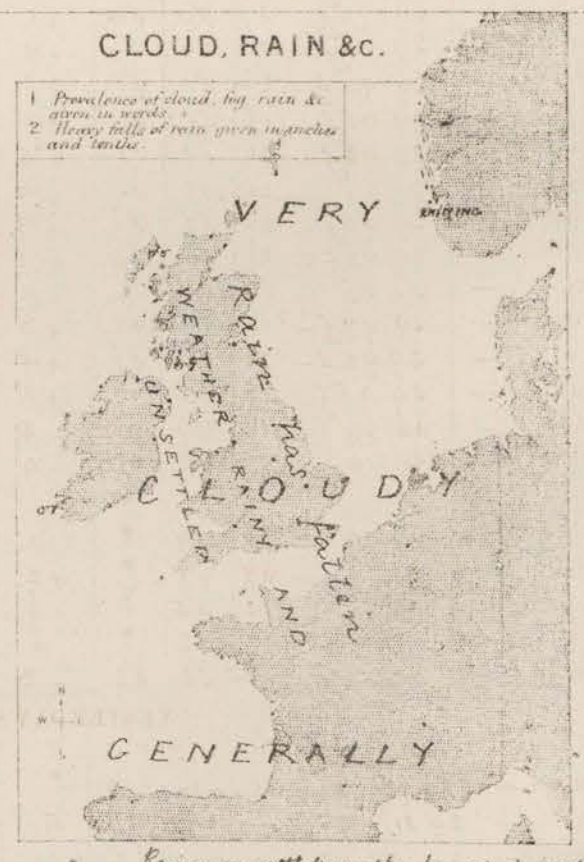


Note A dotted line is drawn round those coasts which have been warned this morning.

S^th or SW^th winds now prevail throughout western Europe. In force they are strong on our western coasts, and light to fresh elsewhere.

The sea is rough in the west, smooth in the north-east.

CLOUD, RAIN &c.



Rainy, unsettled weather has set in on all but our north-east coast.

Warnings issued to our northern, western and south-western coasts this morning.

Subscription for these Charts payable in advance to avoid delayed
Delivery by hand 10/ per quarter
by post 5/ per quarter

Meteorological Office
116, Victoria Str^t. Westminster S.W.
ROBERT H. SCOTT, Director.

Vincent Brooks Day & Son Lith. London

Thurs-day 8 a.m. WEATHER REPORT. Nov 27th 1873.

STATIONS.	BAROMETER. At 8 A.M. Reduced to 32° F. at the Mean Sea Level.	BAROMETER. Change since yesterday.	THERMOMETERS. (In shade). At 8 A.M. Dry bulb.	THERMOMETERS. At 8 A.M. Wet bulb.	THERMOMETERS. Change in the dry bulb since yesterday.	THERMOMETERS. In past 24 hours. Max.	THERMOMETERS. In past 24 hours. Min.	WIND. At 8 A.M. Direc.	WIND. At 8 A.M. Force. (0 to 12.)	WIND. Extreme. Force. (0 to 12.)	WIND. Extreme. Direc.	Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall In past 24 Hours.	Sea Disturbance 0 to 9.
Haparanda ...	29.56	+.18	4	3	−6	*	*	N	2	1	N	*	b	*	*
Hernösand ...	29.57	+.06	21	20	−6	*	*	NW	2	2	SW	*	o	*	*
Stockholm ...	29.39	−.36	32	31	+1	*	*	E	6	2	SW	*	s	*	*
Wisby	29.45	−.32	42	42	+5	*	*	S	4	6	SW	*	r	*	*
Christiansund ...	29.01	−.58	41	38	+4	*	*	E	6	4	ENE	*	o	*	5
Skudesnaes ...	28.96	−.75	46	48	+4	*	*	SSW	6	6	S	*	r	*	7
Oxö • (X'tiansand)	29.05	−.82	47	47	+2	*	*	SSW	6	6	SSW	*	r	*	5
Skagen (The Skaw)	29.17	−.67	46	46	+4	*	*	S	6	*	*	*	r	*	*
Fanö	29.23	−.76	47	46	+2	*	*	SSW	6	*	*	*	c	*	*
Cuxhaven ...	29.45f	−.66	48	46	+12	?	35	WSW	6	3	SSW	?	o	0.02	?
Sumburgh Head															
Stornoway (Hebrides.)	28.90f	−.37	47	46	−3	50	45	WNW	6	7	SSW	10	rq	0.65	6
Thurso... ...	28.76f	−.58	45	45	−1	52	46	SW	1	3	S	10	qo	0.60	1
Wick	28.83f	−.56	45	44	−2	51	43	SW	1	3	S	10	ro	0.53	1
Nairn	28.86f	−.55	44	44	−6	54	43	WSW	3	4	WSW	10	or	0.05	1
Aberdeen ...	28.89f	−.60	44	42	−4	53	44	SSW	1	6	SSW	8	qo	0.04	2
Leith	29.02f	−.52	46	45	−6	58	45	N	5	5	SW	7	c	0.04	*
Shields... ...	29.13f	−.58	47	45	−1	53	45	WSW	3	5	SW	8	o	0.04	2
York	29.20f	−.59	46	44	−4	55	43	W	2	4	S	4	qqc	0.08	*
Scarborough ...	29.18f	−.56	43	42	−7	53	43	WSW	3	5	SW	5	qc	0.08	2
Nottingham ...	29.33f	−.50	44	43	−9	55	43	SW	5	8	SSW	4	fm	0.14	*
Ardrossan ...	29.12r	−.42	49	46	−3	53	47	WNW	6	6	S	8	oq	0.36	4
Greencastle ...	29.25r	−.20	45	43	−5	51	44	WNW	5	6	S	10	rq	0.41	*
Donaghadee ...	29.23r	−.31	44	42	−7	53	42	WNW	6	7	S	4	oc	0.20	5
Kingstown ...	29.37r	−.21	45	43	−7	57	45	WNW	7	6	SSE	5	oc	0.13	5
Holyhead ...	29.32r	−.33	48	45	−4	54	46	W	7	6	S	6	rc	0.15	4
Liverpool (Bidston Obs.)	29.32f	−.46	46	44	−4	54	44	WSW	6	7	WSW	10	or	0.26	4
Valencia ...	29.69r	+.33	49	47	−5	54	47	NW	8	8	NW	7	pc	0.57	8
Roche's Point ...	29.60r	+.13	45	43	−7	54	43	NW	6	8	S	7	rlq	0.49	5
Pembroke ...	29.48r	−.23	50	46	−2	54	47	NNW	8	9	W	9	q	0.26	5
Portishead ...	29.46f	−.36	46	45	−8	55	44	W	4	7	S	7	qq	0.42	3
Scilly	29.67r	−.05	50	48	−4	55	46	WNW	9	?	WNW	6	olq	0.57	7
Plymouth ...	29.57r	−.26	47	46	−7	56	45	WNW	5	7	SSW	2	rm	0.29	*
Portsmouth ...	29.55f	−.39	48	45	−3	55	45	NW	6	?	?	6	ou	0.18	5
Dover	29.49f	−.49	48	45	−3	53	46	W	4	7	WSW	6	c	0.23	4
London ...	29.46f	−.46	46	43	−6	56	44	WSW	4	7	SSW	4	qlc	0.30	*
Oxford... ...	29.43	−.46	45	44	−7	55	44	SW	2	6	W	3	pb	0.23	*
Cambridge ...	29.39f	−.51	44	42	−8	55	43	SW	4	5	SW	5	uc	0.02	*
Yarmouth ...	29.35f	−.58	46	44	−4	53	44	WSW	5	6	SW	4	mqc	0.03	3
Helder	29.32	−.71	48	*	+3	*	*	SW	7	*	*	*	*	*	4
Cape Gris Nez...	29.51f	−.46	48	46	−2	56	42	WSW	8	8	SSW	9	ro	0.12	6
Brest	29.81r	−.11	52	52	−4	57	47	WNW	7	9	NW	10	r	0.59	6
L'Orient ...	29.82f	−.15	53	51	0	61	50	W	8	8	W	7	ro	0.32	7
Rochefort ...	30.04r	−.05	55	51	+6	55	47	W	7	5	S	10	o	0.16	5
Biarritz ...	30.24r	+.14	57	53	+11	65	46	WSW	5	5	S	4	c	—	3
Corunna ...				*		*	*			*	*	*		*	
Brussels ...	29.58	−.51	49	*	0	*	*	W	6	*	*	*	rc	*	*
Charleville ...	29.77	−.40	48	*	+1	*	*	SW	?9	*	*	*	c	*	*
Paris	29.77f	−.31	49	?	+4	57	45	SW	7	8	WSW	9	r	0.20	*
Lyons	?		57	*	+5	*	*	SE	3	*	*	*	r	*	*
Toulon... ...	30.10f	−.20	54	54	+2	55	51	NW	1	4	E	9	or	—	3

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		C.	Wea.	Sea.
Skudesnaes ...	29.41	48	47	S	6	*	f	6
Thurso ...	29.15	51	48	S	3	8	q	2
Scarborough...	29.52	52	51	S	3	10	q	2
Greencastle ...	29.15	51	51	S	6	10	r	*
Holyhead ...	29.32	53	52	S	6	10	du	3

	Bar.	Dry.	Wet.	Wind.		C.	Wea.	Sea.
Valencia ...	29.32	51	50	WSW	4	7	c	4
Scilly ...	29.56	55	55	SSW	6	8	o	6
London ...	29.73	53	52	S	3	10	do	*
Rochefort ...	30.04	52	50	SE	3	10	f	3

Pressure continues to fall generally, most in the NW. and moderate to strong S^ly breezes prevail over our Islands, with unsettled weather. At Valencia, however the wind has lulled and veered to WSW, with rather improved weather. —

EXPLANATION OF COLUMNS.

BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER:** *Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. wet dew.

* AN ASTERISK is inserted in all places for which no information is received. The "extreme" wind for the Swedish and Norwegian Stations is an observation taken at 8 p.m.

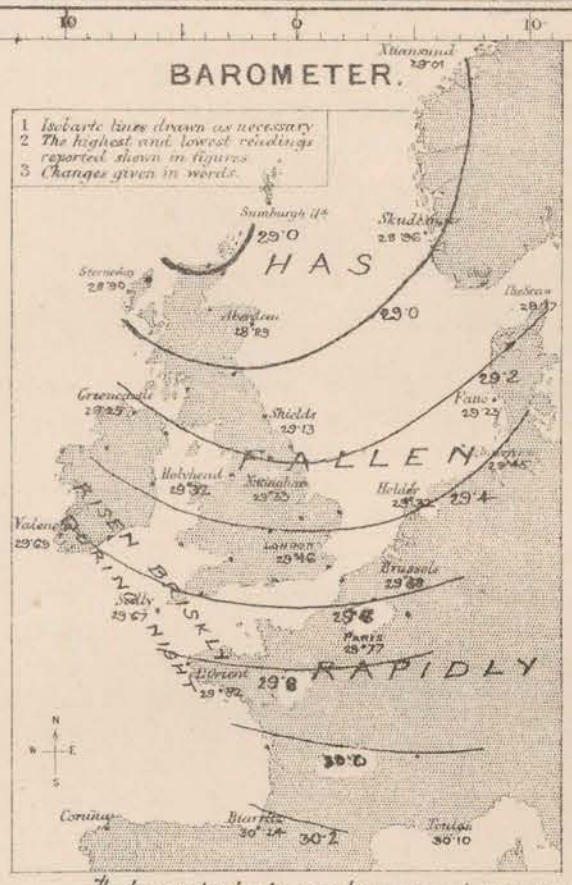
N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS

AND REMARKS FOR

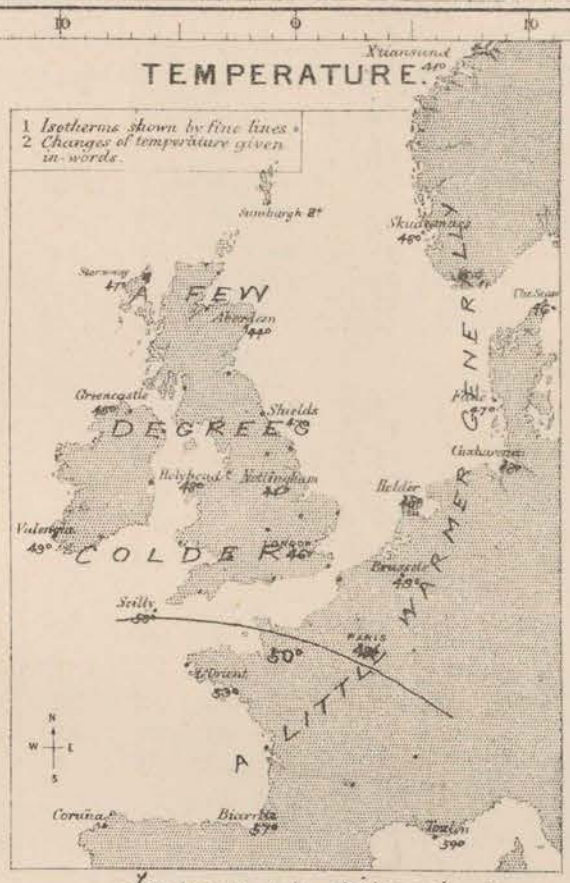
THURSDAY 27TH NOVEMBER 1873 AT 8 A.M.

BAROMETER.



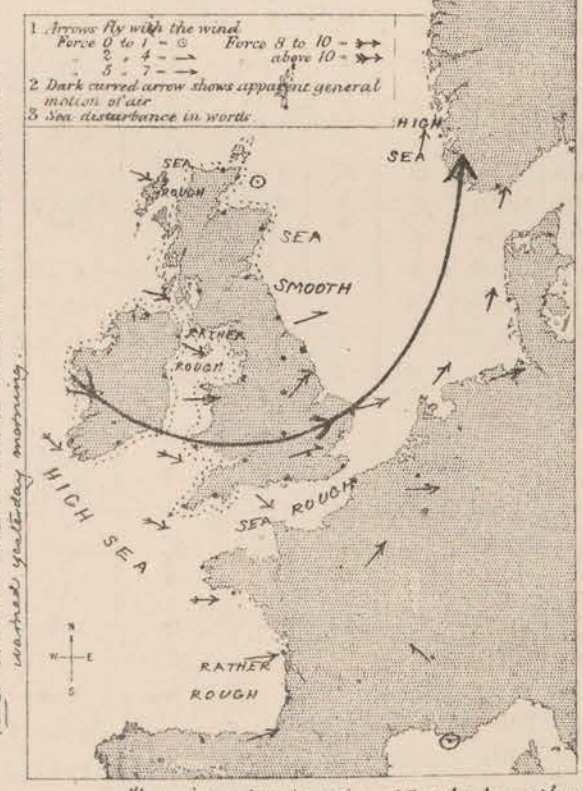
The barometer has begun to rise again quickly in the south west during the night, but it has continued to fall rapidly at all other stations — most on the eastern shores of the North Sea. A deep depression has advanced to our northern coasts, and now lies over the extreme north of Scotland. The gradient from Valencia to Yarmouth is 0·10 in. per 50 miles.

TEMPERATURE.



Temperature has fallen a few degrees in our Islands, but risen a little at most other stations.

WIND & SEA.

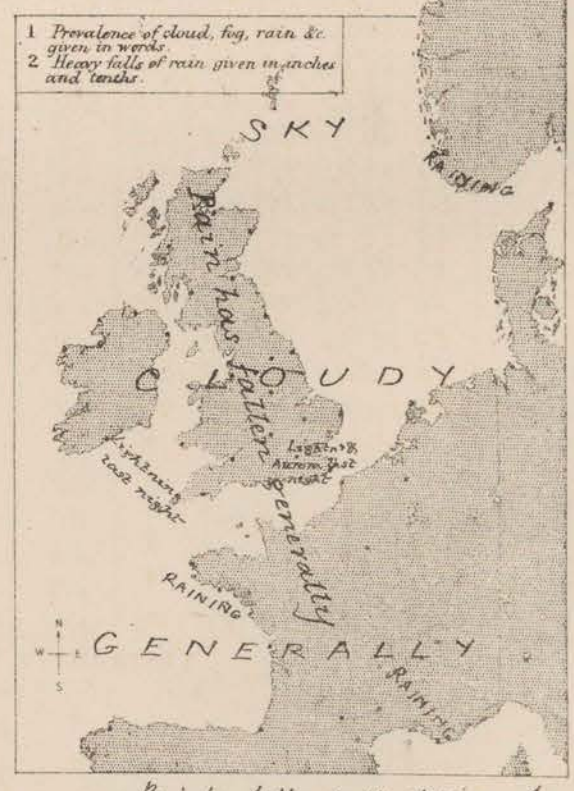


Note A dotted line is drawn round those coasts which were warned yesterday morning.

The wind, after blowing strongly from the S.W. in the west and south yesterday, has now veered to W or NW on nearly all our coasts and blows a gale at our S.W. stations, while rather strong S.W. winds are felt on the eastern shores of the North Sea.

The sea is high in the south-west and at Skudenaes, rough generally except on our north east coasts.

CLOUD, RAIN &c.



Rain has fallen at all stations. Aurora and some lightning were seen at the southern stations last night. The sky is cloudy.

Warnings were issued to our northern, western and south western coasts yesterday morning.

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Meteorological Office
116, Victoria Strt. Westminster, S.W.
ROBERT H. SCOTT, Director.

Vincent Brooks Day & Son Lith. London W.C.

Fri - day 8 a.m. **WEATHER REPORT.** Nov 28th 1873.

STATIONS.	BAROMETER. At 8 A.M. Reduced to 32° F. at the Mean Sea Level.	BAROMETER. Change since yesterday.	THERMOMETERS. (In shade). At 8 A.M. Dry bulb.	THERMOMETERS. At 8 A.M. Wet bulb.	THERMOMETERS. Change in the dry bulb since yesterday.	THERMOMETERS. In past 24 hours. Max.	THERMOMETERS. In past 24 hours. Min.	WIND. At 8 A.M. Direc.	WIND. At 8 A.M. Force. (0 to 12.)	WIND. Extreme. Force. (0 to 12.)	WIND. Extreme. Direc.	Amount of Cloud 0 to 10.	Weather — By Beaufort Scale.	Rainfall In past 24 Hours.	Sea Disturbance 0 to 9.
Haparanda ...	29.67	+ .11	12	12	+9	*	*	N	2	2	N	*	o	*	*
Hernösand ...	29.44	− .13	31	31	+10	*	*	SSE	6	2	ESE	*	s	*	*
Stockholm ...	29.34	− .05	37	37	+5	*	*	SE	?	6	E	*	?	*	*
Wisby	29.34	− .11	42	42	0	*	*	SW	4	2	SW	*	co	*	*
Christiansund ...	29.10	+ .09	42	40	+1	*	*	WSW	8	6	SE	*	o	*	5
Skudesnaes ...	29.40	+ .44	43	41	−5	*	*	W	6	0	Z	*	co	*	4
Oxö (X'tiansand)	29.34	+ .29	42	41	−5	*	*	N	4	4	NNE	*	r	*	5
Skagen (The Skaw)	29.37	+ .20	42	41	−4	*	*	N	2	*	*	*	o	*	*
Fanö	29.46	+ .23	45	44	−2	*	*	NSW	4	*	*	*	c	*	*
Cuxhaven ...	29.47	+ .02	45	45	−3	?	41	SW	3	5	SW	6	oc	0.04	?
Sumburgh Head Stornoway (Hebrides.)	29.62r	+ .72	41	40	−6	52	39	E	1	7	NNW	10	o	0.04	4
Thurso... ...	29.56r	+ .80	44	41	−1	49	42	NNW	2	7	NW	7	dc	0.33	3
Wick	29.61r	+ .78	41	39	−4	47	39	SW	3	7	NW	6	pc	0.21	1
Nairn	29.67r	+ .81	41	38	−3	50	41	ESE	1	3	WSW	3	rb	0.47	1
Aberdeen ...	29.66r	+ .77	43	39	−1	50	42	W	1	10	NW	8	qom	0.21	2
Leith	29.76r	+ .74	44	43	−2	50	41	W	3	5	W	9	co	0.10	*
Shields... ...	29.82r	+ .69	43	43	−4	48	41	W	5	7	W	9	br	0.93	3
York	29.85r	+ .65	44	42	−2	50	39	W	2	5	W	9	qd	0.03	*
Scarborough ...	29.84r	+ .66	43	41	0	48	41	W	3	4	W	10	or	0.11	2
Nottingham ...	29.92r	+ .59	45	43	+1	50	43	W	2	7	NNW	10	ur	0.03	*
Ardrossan ...	29.78r	+ .66	46	44	−3	58	44	SW	2	11	NW	9	qd	0.02	2
Greencastle ...	29.75r	+ .50	45	45	0	48	43	W	4	8	NW	10	cr	0.04	*
Donaghadee ...	29.80r	+ .57	44	44	0	50	40	S	3	7	NW	10	co	0.01	3
Kingstown ...	29.90r	+ .53	52	50	+7	53	44	W	5	8	NNW	8	o	—	3
Holyhead ...	29.88r	+ .56	49	47	+1	52	46	SW	4	7	W	8	com	—	3
Liverpool (Bidston Obs.)	29.97r	+ .65	45	44	−1	49	44	W	3	8	W	10	or	0.05	3
Valencia ...	30.08r	+ .39	54	53	+5	55	45	W	4	8	NW	9	cm	0.12	4
Roche's Point ...	30.01r	+ .41	52	51	+7	54	44	NNW	3	6	NW	7	qc	0.05	3
Pembroke ...	30.00r	+ .52	51	50	+1	51	48	WSW	2	8	WNW	10	of	0.01	2
Portishead ...	30.01r	+ .55	46	44	0	52	43	WSW	3	7	WNW	10	qo	—	2
Scilly	30.09r	+ .42	53	53	+3	53	48	WNW	6	9	WNW	10	qf	0.12	6
Plymouth ...	30.06r	+ .49	47	47	0	51	44	W	1	6	WNW	4	cm	0.04	*
Portsmouth ...	30.04r	+ .49	46	44	−2	50	42	NW	1	6	NW	7	qm	—	1
Dover	29.94r	+ .45	43	41	−5	50	42	W	3	5	W	5	bc	—	3
London ...	29.97r	+ .51	43	41	−3	50	41	W	2	5	NW	9	qco	—	*
Oxford... ...	29.96	+ .53	45	43	0	50	43	WSW	3	6	W	10	o	—	*
Cambridge ...	29.95r	+ .56	42	40	−2	51	41	W	1	4	SW	10	co	—	*
Yarmouth ...	29.87r	+ .52	41	40	−5	49	39	W	3	6	WSW	6	cqm	0.06	3
Helder... ...	29.73	+ .41	48	*	0	*	*	NW	4	*	*	*	*	*	4
Cape Gris Nez...	29.94r	+ .43	45	41	−3	55	44	WNW	7	8	W	8	o	0.08	5
Brest	30.19r	+ .38	54	54	+2	55	47	WNW	3	7	NW	10	om	—	4
L'Orient ...	30.16r	+ .34	52	52	−1	59	49	WNW	3	7	WNW	10	ro	0.04	5
Rochefort ...	30.22r	+ .18	50	46	−5	?	46	WNW	4	9	NW	10	o	0.16	5
Biarritz ...	30.29f	+ .05	55	55	−2	59	54	N	4	8	W	9	r	0.16	5
Corunna ...				*		*	*			*	*	*		*	
Brussels ...	29.87	+ .29	45	*	−4	*	*	NW	3	*	*	*	ro	*	*
Charleville ...	29.94	+ .17	45	*	−3	*	*	NW	6	*	*	*	o	*	*
Paris	30.03r	+ .26	48	?	−1	51	45	N	4	7	WNW	10	co	0.08	*
Lyons	?		52	*	−5	*	*	NE	3	*	*	*	c	*	*
Toulon... ...	29.88f	− .22	45	43	−9	56	44	NW	7	5	WSW	2	of	0.32	5

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		C.	Wea.	Sea.
Skudesnaes ...	29.05	47	47	S	6	*	r	7
Thurso ...	29.01	48	48	NW	5	10	d	3
Scarborough...	29.27	46	44	W	4	10	r	2
Greencastle ...	29.45	47	45	NW	8	7	c	*
Holyhead ...	29.50	50	47	W	6	6	m	5
Valencia ...	29.87	50	46	NW	6	7	c	[illegible]
Scilly ...	29.84	50	46	WNW	8	7	q	[illegible]
London ...	29.54	50	45	WNW	4	7	c	[illegible]
Rochefort ...	29.96	56	54	W	9	10	r	[illegible]

Pressure continues to increase except at Rochefort. The change is most marked in the N.; and the wind has veered to NW or NNW on all our coasts. The NW. gale at Valencia has lulled while that at Scilly continues, and a hard W.ly gale is reported from Rochefort.

EXPLANATION OF COLUMNS.

BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER:** *Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. wet.

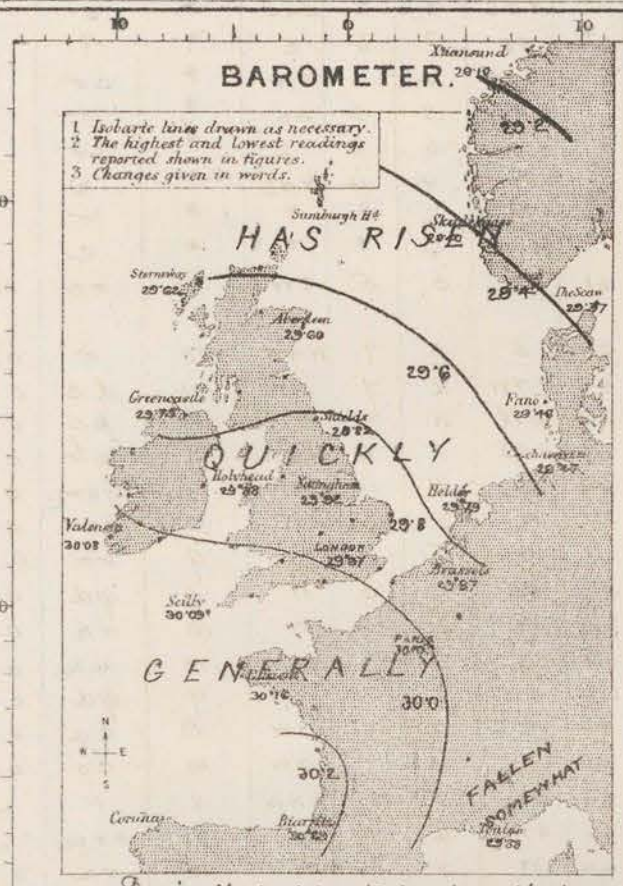
* AN ASTERISK is inserted in all places for which no information is received. The "extreme" wind for the Swedish and Norwegian Stations is an observation taken at 8 p.m.

N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

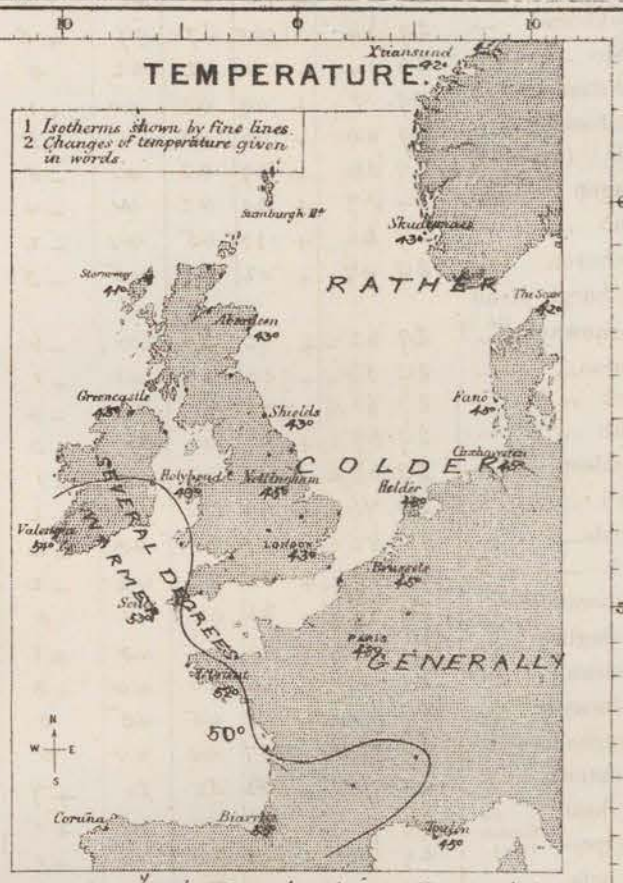
WEATHER CHARTS

AND REMARKS FOR

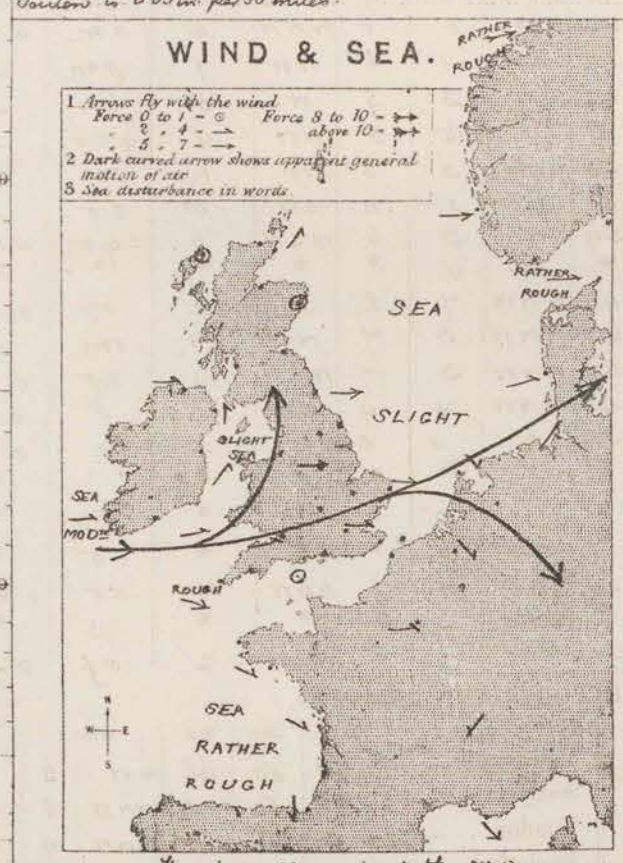
FRIDAY 28TH NOVEMBER 1873 AT 8 A.M.



During the past twenty-four hours the barometer has risen throughout our Islands, and the change has extended to nearly all the Continental stations during the night. In the south of France, however, the barometer has fallen somewhat, and on our most western coasts the rate of rise has become slackened considerably since last evening. The gradient from Brest to Skudesnes is 0·05 in., while that from Brest to Toulon is 0·03 in. per 50 miles.

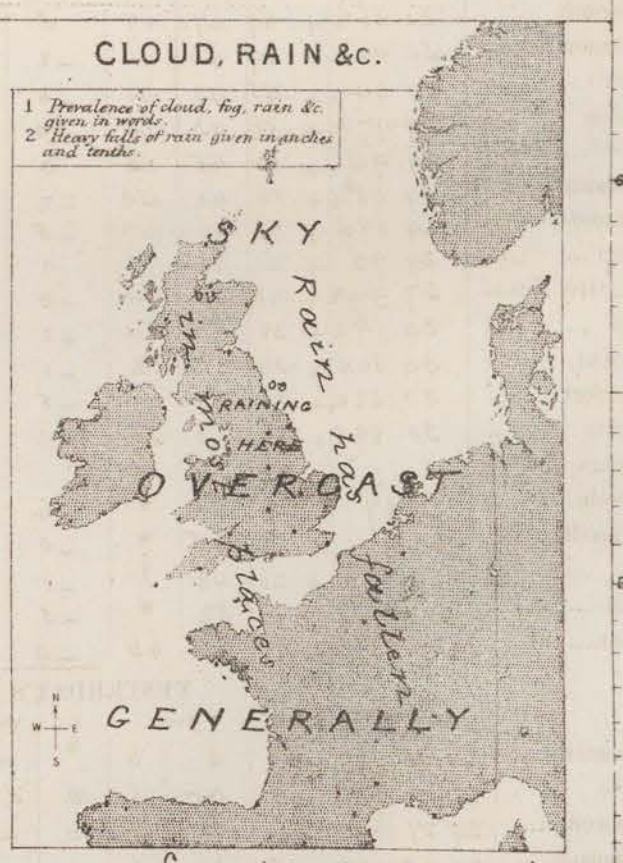


Temperature has increased several degrees in the west, but fallen elsewhere.



The wind, after veering to the NWrd on all but the eastern coasts yesterday, and blowing hard in the west, has now moderated and backed to W or SW again in most parts of our Islands, while moderate Wly breezes are felt on the Danish coasts.

The sea continues rough at Scilly, and rather so in the Bay of Biscay.



Some rain has fallen in most places. The sky is still overcast generally.

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" " book post 5/ per quarter.

Meteorological Office
116, Victoria Strt. Westminster, S.W.
ROBERT H. SCOTT, Director.

Vincent Brooks Day & Son Lith. London W.C.

Solar-day 8 a.m. **WEATHER REPORT.** Nov. 29th 1873.

STATIONS.	BAROMETER. At 8 A.M. — Reduced to 32° F. at the Mean Sea Level.	BAROMETER. Change since yesterday.	THERMOMETERS. (In shade). At 8 A.M. Dry bulb.	THERMOMETERS. At 8 A.M. Wet bulb.	THERMOMETERS. Change in the dry bulb since yesterday.	THERMOMETERS. In past 24 hours. Max.	THERMOMETERS. In past 24 hours. Min.	WIND. At 8 A.M. Direc.	WIND. At 8 A.M. Force. — (0 to 12.)	WIND. Extreme. Force — (0 to 12.)	WIND. Extreme. Direc.	Amount of Cloud 0 to 10.	Weather — By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Disturbance — 0 to 9.
Haparanda ...	29.19	−.48	23	23	+10	*	*	SE	6	2	SE	*	o	*	*
Hernösand ...	28.70	−.74	31	31	0	*	*	Z	0	2	SSE	*	o	*	*
Stockholm ...	29.21	−.13	33	32	−4	*	*	SW	2	2	S	*	o	*	*
Wisby	29.40	−.06	39	38	−3	*	*	W	6	2	SW	*	ob	*	*
Christiansund ...	29.01	−.09	36	36	−6	*	*	E	4	6	WSW	*	co	*	5
Skudesnaes ...	29.26	−.14	47	45	+4	*	*	WSW	6	4	W	*	ro	*	7
Oxö (X'tlansand)	29.23	−.11	47	43	+5	*	*	WSW	6	4	NW	*	cb	*	4
Skagen (The Skaw)	29.29	−.08	46	45	+4	*	*	W	6	*	*	*	b	*	*
Fanö	29.51	+.05	47	46	+2	*	*	W	6	*	*	*	c	*	*
Cuxhaven ...	29.66f	+.19	49	49	+4	?	43	W	3	4	NW	6	mc	—	?
Sumburgh Head															
Stornoway (Hebrides.)	29.21f	−.41	46	44	+5	51	39	W	4	7	W	8	du	0.07	5
Thurso... ...	29.12f	−.44	45	43	+1	52	41	SW	4	4	SW	4	oc	0.15	3
Wick	29.15f	−.46	46	43	+5	50	39	SW	3	4	W	6	c	0.13	1
Nairn	29.26f	−.41	46	42	+5	55	40	W	3	3	W	6	c	—	2
Aberdeen ...	29.26f	−.41	48	43	+5	52	41	S	1	3	SW	9	co	—	1
Leith	29.42f	−.34	46	46	+2	55	43	W	3	3	W	10	cr	—	*
Shields... ...	29.51f	−.31	49	48	+6	53	43	SW	3	6	W	7	cq	0.01	2
York	29.64f	−.21	50	49	+6	55	44	S	1	4	W	10	q	0.06	*
Scarborough ...	29.56f	−.28	50	50	+7	51	43	SSW	4	3	SW	10	od	0.03	3
Nottingham ...	?		55	53	+10		45	SW	6	6	W	10	pku	0.01	*
Ardrossan ...	29.41f	−.37	47	46	+1	54	45	S	2	8	WNW	9	dr	0.22	2
Greencastle ...	29.39f	−.36	50	50	+5	53	45	WSW	5	7	W	8	-q	0.30	*
Donaghadee ...	29.46f	−.34	52	51	+8	55	43	S	6	6	S	10	o	0.04	5
Kingstown ...	29.58f	−.32	55	52	+3	57	52	W	7	7	W	7	ow	—	4
Holyhead ...	29.65f	−.23	53	52	+4	55	48	SSW	6	4	SW	10	pmu	0.03	3
Liverpool (Bidston Obs.)	29.68f	−.29	54	51	+9	55	45	SW	6	7	SW	9	o	0.02	4
Valencia ...	29.79f	−.29	51	50	−3	55	49	W	5	5	WSW	6	mc	0.19	5
Roche's Point ...	29.73f	−.28	54	54	+2	57	44	WSW	6	6	WSW	9	cm	0.03	5
Pembroke ...	29.74f	−.26	52	50	+1	54	51	SW	6	6	WSW	10	mu	0.02	4
Portishead ...	29.89f	−.12	51	51	+5	55	44	SW	6	6	WSW	10	ouq	0.02	3
Scilly	30.03f	−.06	52	52	−1	54	51	WSW	5	6	WNW	8	fo	0.04	5
Plymouth ...	30.01f	−.05	52	52	+5	56	46	WSW	4	4	W	10	om	0.01	*
Portsmouth ...	29.94f	−.10	52	52	+6	53	44	SW	3	4	NW	8	o	—	3
Dover	29.92f	−.02	51	50	+8	52	42	WSW	4	5	W	10	buf	—	4
London ...	29.88f	−.09	53	52	+10	54	43	WSW	4	4	W	10	cbo	0.01	*
Oxford... ...	29.83	−.13	53	52	+8	54	45	SW	4	5	W	10	o	—	*
Cambridge ...	29.83f	−.12	52	51	+10	53	42	SW	1	2	SW	10	cd	0.01	*
Yarmouth ...	29.82f	−.05	51	51	+10	52	40	WSW	4	4	W	7	oc	—	3
Helder	29.77	+.04	50	*	+2	*	*	SW	6	*	*	*	*	*	2
Cape Gris Nez...	29.93f	−.01	51	51	+6	52	45	WSW	7	5	WSW	10	om	—	5
Brest	?		53	?	−1	56	51	W	5	5	W	10	f	—	?
L'Orient ...	30.19f	+.03	51	51	−1	59	50	WNW	4	4	NW	8	f	—	3
Rochefort ...	30.28f	+.06	52	50	+2	55	47	NW	3	4	NW	10	o	0.08	3
Biarritz ...	30.33f	+.04	55	53	0	56	52	W	1	4	NW	10	ro		
Corunna ...				*		*	*			*	*	*		*	
Brussels ...	29.93	+.06	50	*	+5	*	*	SW	3	*	*	*	ro	*	*
Charleville ...	30.04	+.10	50	*	+5	*	*	SW	3	*	*	*	or	*	*
Paris	30.12f	+.09	52	?	+4	?	48	WNW	4	?	?	10	o	—	*
Lyons	?		54	*	+2	*	*	NW	1	*	*	*	f	*	*
Toulon... ...	29.93r	+.05	49	45	+4	?	45	NW	5	8	NW	1	cb	—	5

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		C.	Wea.	Sea.
Skudesnaes ...	29.49	41	40	W	6	*	c	5
Thurso ...	29.48	42	41	S	1	10	r	2
Scarborough...	29.77	46	45	SW	3	9	o	2
Greencastle ...	29.75	53	52	W	5	9	r	*
Holyhead ...	29.88	54	53	WSW	3	7	c	3
Valencia ...	30.11	55	54	WSW	5	9	o	4
Scilly ...	30.16	53	53	W	6	7	cm	6
London ...	29.95	51	48	WSW	2	10	co	*
Rochefort ...	30.26	55	53	NW	4	10	o	3

Pressure has continued to increase in the SW. but is now falling in the W & E. The winds have backed a little more in most places and rain has recommenced falling in the W.

Warnings issued to our W. & NW. coasts.

EXPLANATION OF COLUMNS.

BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER:** *Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. wet. Sea

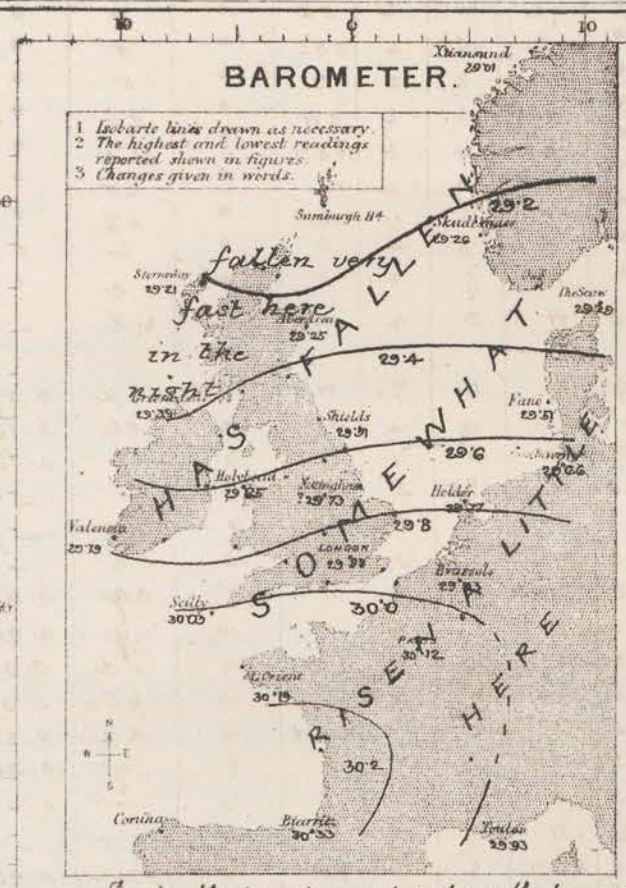
* AN ASTERISK is inserted in all places for which no information is received. The "extreme" wind for the Swedish and Norwegian Stations is an observation taken at 8 p.m.

N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

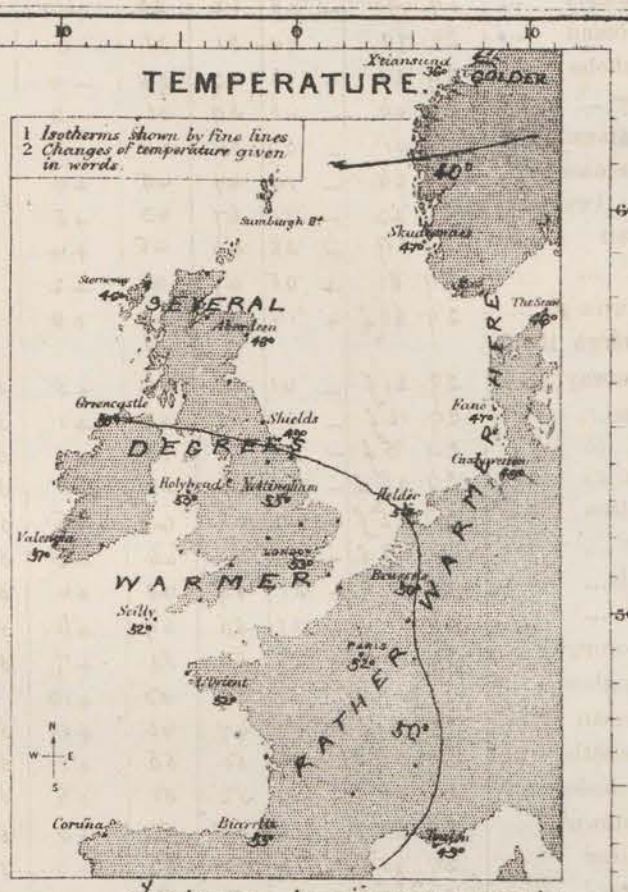
WEATHER CHARTS

AND REMARKS FOR

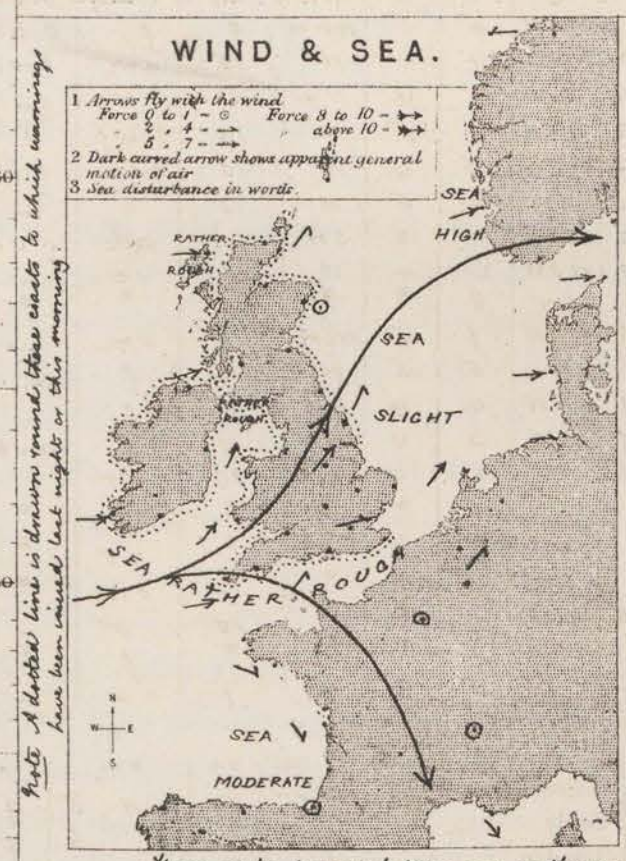
SATURDAY 29th NOVEMBER 1873 AT 8 A.M.



During the past twenty-four hours the barometer has fallen very fast in the north and west of our Islands, the change in the night having become very rapid on our north-west coasts. The gradient from L'Orient to Nairn is 0·08 in. per 50 miles, and there appears to be a deep depression advancing on our northern coasts from the W.



Temperature has risen very generally except at the mouth of the Channel. It is now very high.



The wind has backed to W on our south-west coasts, to SW or S. in the north and north-east of our Islands and is very fresh generally; while at Christiansund a moderate E. wind is reported.

The sea is rather rough at the western stations, high at Skudesnes.

Some rain has fallen in nearly all places. Thunder has occurred at Nottingham. The sky is overcast generally, and the weather is very unsettled.

Warnings were issued to our north and north-west coasts last night, and have been extended to the south-west and south coasts this morning.

Subscription for these Charts payable in advance to cover delivery.
Delivery by hand 10/. per quarter
" " book post. 5/. per quarter.

Meteorological Office
116, Victoria Strt. Westminster S.W.
ROBERT H. SCOTT, Director.

Vincent Brooks, Day & Son Lith. London, W.C.

SUMMARY OF WEATHER IN WESTERN EUROPE

from NOVEMBER 23rd to NOVEMBER 29th 1873.

(Issued Weekly as a Supplement to the "Daily Weather Report.")

The weather for the week which we have now to describe has been of a very unsettled character. The NWly gales noticed near the close of last week were renewed, with still greater force in the NE., on the 23rd, and again for a time in some places on the night of the 24th. A lull then occurred during which time pressure became highest in the SE. of France; but on the 26th a new depression appeared off our Wn coasts, causing very strong Sly winds at first. The centre of this disturbance moved NEwds to the N. of Scotland, which it reached by 8 am on the 27th. It then travelled Ewds and was accompanied or followed by strong W. to NW. gales on all but our En coast. Soon after this disturbance disappeared the mercury again began to fall in the W. and on the 29th another serious depression passed over us with results very similar to those experienced with the previous disturbance, except that the NW. gale was scarcely felt in the Wn parts of the country. This disturbance was passing off as the week closed. Temperature, though high, has varied a great deal as the SWly or NWly winds have prevailed. A good deal of rain has fallen – especially between the 25th and 27th. Aurora has been seen occasionally.

NOV. 23rd. – Scarcely had the recovery of pressure noticed on the evening of the 22nd taken place, than a new and rapid fall of the mercury, in the N. of Scotland, pointed to the approach of a fresh disturbance, whose centre followed quickly in the wake of that already reported. At 8 am. the central area lay between the Scotch and Norwegian coasts; so that while strong NW. gales had again set in over our Wn stations the wind at Skudesnaes had shifted temporarily to SE. At the same time some local disturbance appeared over the SE. of England. In the S. of our Islands and W. of France fresh NW. breezes were reported. As the day advanced the gale extended to the NE. coast of England, blowing with great violence at Shields, where it caused considerable damage. Temperature had fallen in the N and NW. but had again risen in the SE., and was very high generally – especially in the south. Some more rain fell in the N. & W. but they had since become clearer, especially in the NE. and E.

NOV 24th – The depression just noticed was fast travelling away over Scandinavia, and a brisk recovery of pressure was in progress over NWn Europe – especially in the N. and E. of the British Isles. The wind fell light on our own and the French coasts backing towards SW. at the Wn and Nn stations, but fresh Wly gales continued in Holstein and the Netherlands. Temperature had fallen very fast in our Islands; very cloudy weather was general; and showers fell in many places during the day. Lightning was seen at Stornoway in the evening. In the mean time a slight temporary fall of the barometer had taken place in Ireland, and travelled rapidly Ewds in the morning. After it passed the wind again increased considerably at several of the Nn and NWn stations for a few hours, and a still more marked increase was reported from Denmark the following morning.

NOV. 25th – The mercury had risen briskly everywhere and an anticyclone had formed in the S. having its centre over France. At the same time pressure had begun to give way in Ireland, so that

while the W^ly current continued over the North Sea, blowing a strong gale in Denmark, but a moderate breeze on our coasts, the wind at our W and SW^ly stations had backed to S., while a SE^ly wind was felt at Corunna. Temperature had again fallen except in the W. where it rose slightly, and the weather remained very cloudy or foggy, except in the NE. The W^ly decrease of pressure spread E^wds during the day together with the S^ly winds while the barometer rose in the S. of France. Rainy weather became general and Aurora was seen in the North as well as in London

NOV. 26th. – At 8 am. pressure varied from 30·3 ins: at Foulow to 29·4 ins: at Valencia and 29·3 ins: at Stornoway, the steepest gradients being these over the United Kingdom. A somewhat complicated depression lay apparently off our most W^ly coasts, where the barometer was falling rapidly; and S^ly winds, which were very strong in the W., were blowing over the whole of the United Kingdom. At Christiansund and the Scaw W^ly gales, caused by the previous depression, still held. Temperature rose everywhere, very rapidly in England, and overcast rainy weather was general. During the day the W^ly depression appeared to become less complicated, and its centre moved NE^wds so that at 6 pm. it was not far from the Hebrides. The S^ly winds subsequently freshened considerably in the E. but veered W^wds in the SW. Lightning was seen at Scilly in the evening.

NOV. 27th. – The centre of the storm lay, at 8 am, very near the Orkneys, and the barometer had fallen considerably below 29 ins: in the N. of Scotland. Pressure was now recovering briskly in the SW. but falling fast in Norway and Denmark. The wind had veered to NW. at the W^ly stations, to W. in the S., while rather strong SW. winds had set in over the E^ly parts of the North Sea. In the night a stiff W^ly gale had been felt in the Channel and on the SW. coasts, which still continued, though with rather less force, in the latter regions. Temperature rose on the continent while it fell a few degrees in our Islands. During the day the centre moved nearly due E. and in the evening strong NW. gales were felt in the N and NW, but the weather became drier in the S.

NOV. 28th. The centre of the disturbance had travelled away over Scandinavia, and except at Christiansund the wind had moderated greatly, and backed to W. again on our coasts. In Belgium and the Netherlands however it was very fresh from NW. The barometer had risen more than 0·75 in. in Scotland and about 0·4 in: off our SW. coasts, The highest readings were found over the S^ly portion of the Bay of Biscay. Temperature showed further reduction except on our W^ly coasts where it had risen several degrees, and a tendency to SW^ly winds was observable – notably in the Irish Sea. The weather was still cloudy and unsettled, with rain in the NE. In the afternoon a brisk fall of the mercury commenced on our N. & E. coasts, which subsequently passed off to Norway, while at night an altogether distinct fall commenced in the W., accompanied by rain, and spread rapidly over the whole of our Islands. –

NOV. 29th. Pressure was still highest over the Bay of Biscay and N. of Spain, the reading at Corunna being 1·45 in. higher than that at Thurso. The barometer had fallen nearly half an inch in the W. of Scotland during the night, less elsewhere, and was falling fast generally at 8 am. Moderate NW. breezes prevailed in the W. and S. of France but on our W^ly coasts the wind was very fresh from W. and drew round to SW. in England and Scotland. On the E^ly shores of the North Sea W^ly breezes were felt. Temperature had risen except in the SW. – rapidly in England – the maximum reading for the 24 hrs. occurring in many places at 8 am. The sky was overcast and the weather very unsettled. During the day the centre travelled rapidly to the E^wd and moderate to strong W^ly gales were felt except on the NE coasts of Gt. Britain –

Meteorological Office
116. Victoria Str^t. Westminster. S.W.
ROBERT H. SCOTT. Director.

Sun-day 8 a.m. **WEATHER REPORT.** Nov 30th 1873.

STATIONS.	BAROMETER. At 8 A.M. — Reduced to 32° F. at the Mean Sea Level.	BAROMETER. Change since yesterday.	THERMOMETERS. (In shade). At 8 A.M. Dry bulb.	THERMOMETERS. At 8 A.M. Wet bulb.	THERMOMETERS. Change in the dry bulb since yesterday.	THERMOMETERS. In past 24 hours. Max.	THERMOMETERS. In past 24 hours. Min.	WIND. At 8 A.M. Direc.	WIND. At 8 A.M. Force. (0 to 12.)	WIND. Extreme. Force. (0 to 12.)	WIND. Extreme. Direc.	Amount of Cloud 0 to 10.	Weather. — By Beaufort Scale.	Rainfall. — In past 24 Hours.	Sea Disturbance. — 0 to 9.
Haparanda ...	29.02	-.17	27	26	+4	*	*	S	2	4	S	*	o	*	*
Hernösand ...	29.14	+.34	28	28	-3	*	*	W	2	0	Z	*	o	*	*
Stockholm ...	28.97	-.24	37	37	+4	*	*	NE	2	2	SSW	*	f	*	*
Wisby	28.97	-.43	43	42	+4	*	*	SW	2	2	W	*	c r	*	*
Christiansund ...	29.41	+.40	35	33	-1	*	*	NE	4	2	NNW	*	s o	*	4
Skudesnaes ...	29.19	-.07	41	37	-6	*	*	NNW	6	6	SW	*	r o	*	4
Oxö (X'tiansand)	29.08	-.15	43	36	-4	*	*	NE	6	4	WSW	*	c	*	4
Skagen (The Skaw)	29.00	-.29	42	41	-4	*	*	E	6	*	*	*	r	*	*
Fanö	29.01	-.50	45	45	-2	*	*	W	6	*	*	*	c	*	*
Cuxhaven ...	29.17 r	-.49	47	45	-2	?	44	NW	7	6	SW	7	m c	0.25	?
Sumburgh Head															
Stornoway (Hebrides)	29.82 r	+.61	34	33	-12	46	31	WNW	1	5	SW	4	pc	0.07	?
Thurso... ...	29.72 f	+.60	42	36	-3	48	40	W	4	5	W	5	o c	0.11	4
Wick	?29.80 r	+.65	34	33	-12	45	33	NW	1	4	W	3	c b	0.10	6
Nairn ... 9 a.m. ...	29.77 r	+.51	37	35	-9	46	37	Z	0	3	W	4	d c	0.11	1
Aberdeen 9 a.m. ...	29.75 r	+.50	39	37	-9	48	38	NW	2	4	NW	7	o c	0.32	3
Leith ... 9 a.m. ...	29.86 r	+.44	39	38	-7	55	38	W	3	5	W	1	c b	0.05	*
Shields... ...	29.79 r	+.28	40	37	-9	54	40	NW	3	7	WNW	1	c b	0.02	2
York	29.76 r	+.12	41	38	-9	56	40	NW	1	6	SW	1	q b	0.08	*
Scarborough 9 a.m.	29.83 r	+.27	41	38	-9	54	41	NNW	5	4	WSW	2	p b	0.08	5
Nottingham ...	29.82 r		44	42	-11	57	42	NW	4	9	WSW	4	p c	0.16	*
Ardrossan ...	29.83 r	+.42	40	38	-7	53	37	NNW	4	8	NW	3	q b	0.12	3
Greencastle 9 a.m. ...	29.97 r	+.58	41	40	-9	50	40	NW	4	7	WSW	5	p c	0.44	*
Donaghadee ...	?		45	43	-7	54	44	WNW	4	7	NW	5	o c	0.03	4
Kingstown ...	29.97 r	+.39	43	41	-12	57	43	WNW	5	10	WNW	5	q m	0.09	4
Holyhead ...	29.88 r	+.23	47	44	-6	55	46	WNW	6	9	WSW	6	p c	0.03	5
Liverpool (Bidston Obs.)	29.89 r	+.21	45	42	-9	55	42	WNW	5	9	WSW	10	o	0.09	5
Valencia ...	30.26 r	+.47	51	48	0	52	42	NW	5	10	WNW	4	q c	0.03	4
Roche's Point ...	30.15 r	+.42	49	47	-5	54	44	NW	6	7	NW	7	q c	0.65	4
Pembroke ...	30.03 r	+.29	48	47	-4	53	47	WNW	6	10	W	7	q c	0.09	5
Portishead ...	29.94 r	+.05	46	43	-5	54	43	WNW	5	8	W	6	q c	0.16	5
Scilly	30.18 r	+.15	50	47	-2	53	48					6	c	0.14	7
Plymouth ...	30.08 r	+.07	45	44	-7	54	43	NW	4	7	WNW	6	p m	0.18	*
Portsmouth ...	29.96 r	+.02	46	44	-6	54	42	SW	5	7	SW	1	c b	0.10	4
Dover	29.79 r	-.13	44	41	-7	53	42	W	4	7	WNW	2	c b	0.18	4
London ...	29.85 r	-.03	45	41	-8	55	43	WNW	4	8	WNW	4	r q c	0.14	*
Oxford... ...	29.87 r	+.04	43	40	-10	55	43	W	3	6	W	1	o b	0.02	*
Cambridge ...	29.80 r	-.03	44	41	-8	56	43	WNW	4	6	SW	3	c b	—	*
Yarmouth ...	29.68 r	-.14	44	43	-7	54	42	WNW	6	8	WSW	4	c g m	—	4
Helder				*		*	*			*	*	*	*	*	
Cape Gris Nez...	29.80 r	-.13	47	45	-4	53	41	WNW	7	9	WSW	5	c	0.08	5
Brest	30.24 r		51	51	-2	55	44	NW	7	7	NW	2	o b	0.12	5
L'Orient ...	30.22 r	+.03	49	45	-2	59	47	W	5	7	WNW	6	r c	0.08	4
Rochefort ...	30.41 r	+.13	55	51	+3	58	52	?	?	?	?	9	o	?	4
Biarritz ...	?		?	?		?	?	NW	5	4	W	?	?	0.08	?
Corunna ...	30.51	+.15	54	*	-1	*	*	NE	3	*	*	*	c	*	4
Brussels ...	29.72	-.21	48	*	-2	*	*	SSW	4	*	*	*	o r	*	*
Charleville ...	29.80	-.24	45	*	-5	*	*	W	6	*	*	*	c	*	*
Paris	29.96 r	-.16	43	?	-9	53	43	W	5	?	?	9	- r	0.12	*
Lyons	?		52	*	-2	*	*	S	3	*	*	*	c	*	*
Toulon... ...	29.99 f	+.06	51	46	+2	62	45	NW	7	5	NW	3	b c	—	6

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		C.	Wea.	Sea.
Skudesnaes ...	29.85	47	45	SW	6	*	o	7
Thurso ...	29.00	46	43	W	2	8	q	3
Scarborough...	29.33	53	52	WSW	4	9	p	3
Greencastle ...	29.15	47	46	WSW	5	9	p	*
Holyhead ...	29.46	51	47	?SW	7	5	c	4

	Bar.	Dry.	Wet.	Wind.		C.	Wea.	Sea.
Valencia ...	29.79	51	47	WNW	?10	5	c	8
Scilly ...	29.89	51	50	WNW	6	5	q	6
London ...	29.69	54	51	WSW	4	9	q c	*
Rochefort ...	30.22	54	52	WNW	4	10	o	3

Pressure continues to decrease rapidly in the NW., and rather so in most other places, but at Valencia the fall has apparently ceased. A hard WNW. gale has set in at Valencia and a SW gale on the Welsh coast. Warnings have been extended to all our coasts

EXPLANATION OF COLUMNS.

BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER:** *Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. wet ground.

* AN ASTERISK is inserted in all places for which no information is received. The "extreme" wind for the Swedish and Norwegian Stations is an observation taken at 8 p.m.

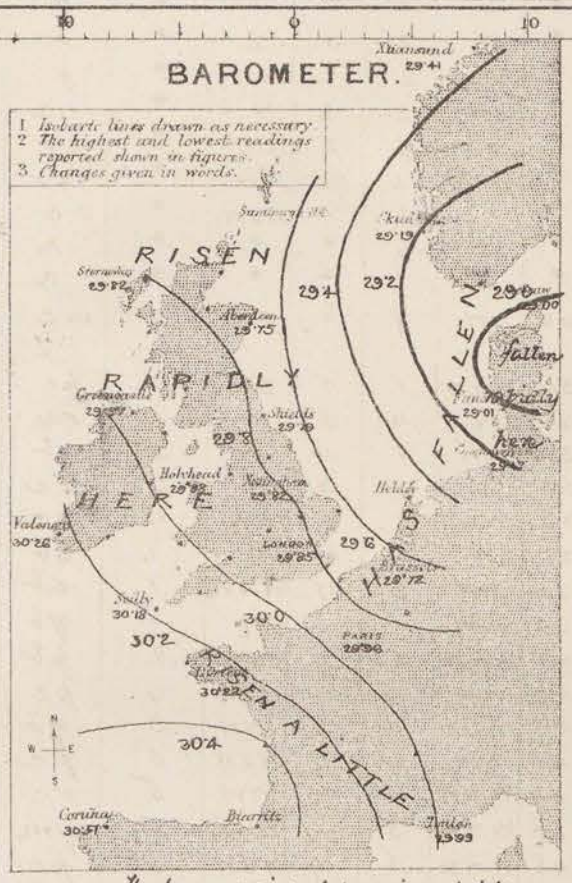
N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS

AND REMARKS FOR

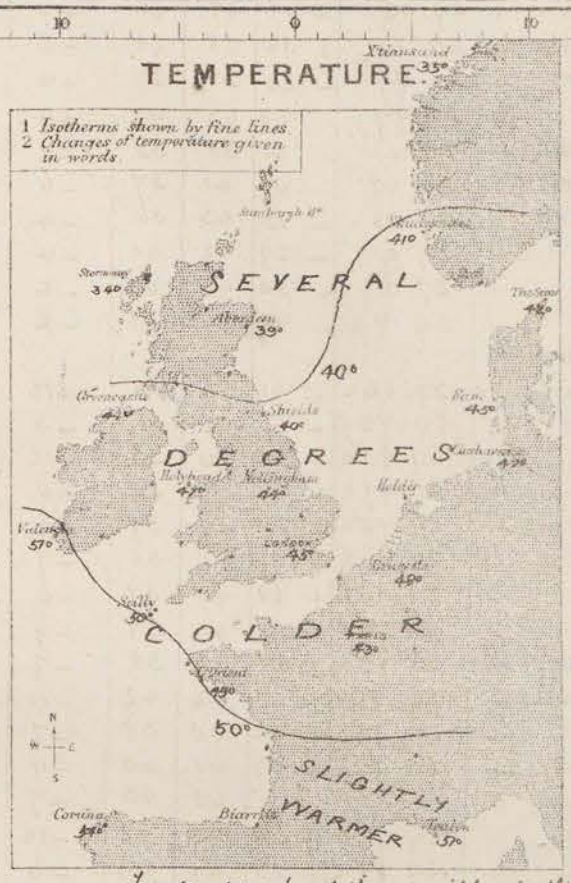
SUNDAY 30TH NOVEMBER 1873 AT 8 A.M.

BAROMETER.



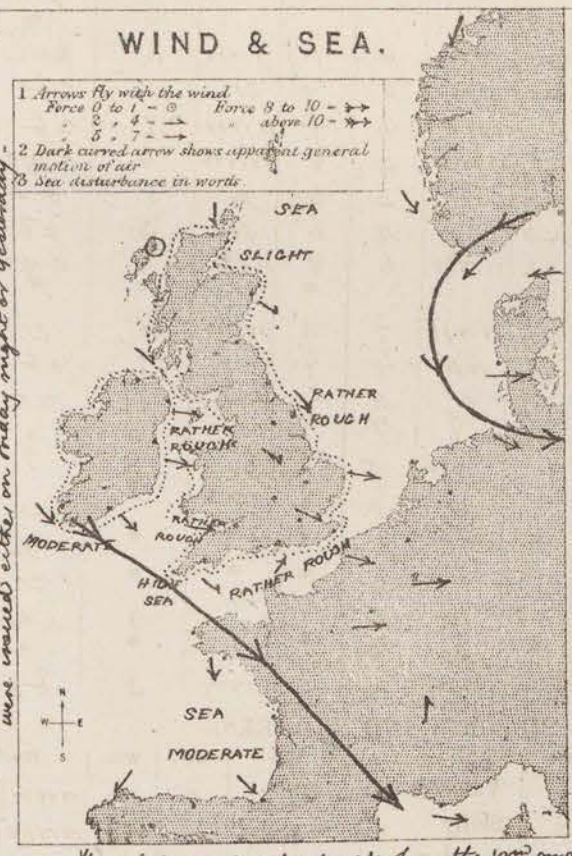
The barometrical depression which was advancing over our Islands yesterday has travelled very quickly to the E^ward, and its centre now lies over Denmark. A rapid rise of the barometer has set in on our coasts — especially in the north; and while the gradient from Valencia to Shields is 0·07 in. that from Shields to Fano is 0·11 in. per 50 miles.

TEMPERATURE.



Temperature has fallen quickly at all but the southern French stations.

WIND & SEA.



Note: A dotted line is drawn round those coasts to which warnings were issued either on Friday night or yesterday.

The wind rose to a hard gale from the W^ward on our western coasts yesterday, and to a moderate or fresh gale from the same quarter in the south and south-east a few hours later. The greater part of the Scotch coasts, however, escaped. Moderate to fresh N W^ly winds now prevail in our Islands drawing into W over Holstein, while E^ly winds prevail in the Skager Rack.

The sea is high at Scilly, and rather rough in the Channel and off the west coast of England.

CLOUD, RAIN &c.

The sky has cleared very considerably at all our northern and eastern stations. Rain has fallen almost everywhere.

Warnings were issued to our north and north-west coasts on Friday evening, and extended to all our other coasts yesterday.

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" book post 5/ per quarter

Meteorological Office
116, Victoria Strt. Westminster, S.W.
ROBERT H. SCOTT, Director.

Vincent Brooks Day & Son Lith. London W.C.

CORRECTIONS AND ADDITIONS TO THE REPORTS FOR NOVr 1873.

1. REPORTS RECEIVED TOO LATE FOR INSERTION DAILY.

DATE	STATIONS	BAROMETER. At 8 A.M. — Reduced to 32° F. at the Mean Sea Level.	BAROMETER. Change since yesterday.	THERMOMETERS. (In shade). At 8 A.M. Dry bulb.	THERMOMETERS. At 8 A.M. Wet bulb.	THERMOMETERS. Change in the dry bulb since yesterday.	THERMOMETERS. In past 24 hours. Max.	THERMOMETERS. In past 24 hours. Min.	WIND. At 8 A.M. Direc.	WIND. At 8 A.M. Force. — (0 to 12.)	WIND. Extreme. Force. — (0 to 12.)	WIND. Extreme. Direc.	Amount of Cloud 0 to 10.	Weather. — By Beaufort Scale.	Rainfall. — In past 24 Hours.	Sea Disturbance. — 0 to 9.
1st	Sumburgh Hd	28·64f	−·61	44	44	0	46	39	ESE	6	6	SW	9	rw	0·18	6
"	Corunna	29·85	−·19	55	*	+9	*	*	SW	6	*	*	*	or	*	?
2nd	Sumburgh Hd	28·72r	+·08	44	44	0	47	40	SW	6	6	SSE	5	rpc	0·80	5
"	Holyhead	29·11r	+·13	41	41	−4	53	40	SSW	3	7	WSW	6	pm	0·06	1
3rd	Sumburgh Hd	29·36r	+·64	44	43	0	47	42	S	5	6	SW	5	c	—	4
4th	Sumburgh Hd	29·37s	+·01	43	43	−1	47	40	S	1	3	S	5	c	—	3
"	Corunna	29·76	+·19	55	*	+5	*	*	W	4	*	*	*	or	*	5
5th	Sumburgh Hd	29·56r	+·19	40	39	−3	48	37	N	1	3	S	5	c	—	3
6th	Sumburgh Hd	29·73r	+·17	40	39	0	45	35	N	5	3	WNW	5	rhc	1·80	5
"	Corunna	29·93	+·16	50	*	−5	*	*	?	?	*	*	*	cr	*	4
7th	Sumburgh Hd	29·95r	+·22	40	40	0	45	38	NE	7	6	NE	9	qo	—	6
"	Corunna	29·92	−·01	54	*	+3	*	*	W	3	*	*	*	or	*	2
8th	Skagen	29·93	+·20	41	38	−4	*	*	NE	6	*	*	*	o	*	*
"	Sumburgh Hd	30·22r	+·27	38	38	−2	43	36	NNE	6	6	NNE	5	c	—	5
"	Corunna	29·88	−·04	50	*	−4	*	*	N	6	*	*	*	ro	*	2
9th	Sumburgh Hd	30·57r	+·29	40	38	+2	46	34	NNE	5	5	NNE	4	c	—	4
10th	Sumburgh Hd	30·49f	−·02	39	38	−1	46	34	N	3	3	N	4	c	—	2
"	Corunna	30·00	+·04	50	*	0	*	*	SE	3	*	*	*	b	*	2
11th	Sumburgh Hd	30·44f	−·05	42	42	+3	46	37	SSW	3	3	E	8	co	—	2
"	Corunna	29·81	−·19	50	*	0	*	*	SW	3	*	*	*	c	*	2
12th	Sumburgh Hd	30·30f	−·14	42	41	0	46	40	S	3	3	S	8	o	—	2
13th	Sumburgh Hd	30·17f	−·13	41	41	−1	45	38	N	1	3	S	6	oc	—	2
14th	Cuxhaven	29·94	−·14	36	36	+7	?	?	NE	3	3	SSE	8	co	—	?
"	Sumburgh Hd	30·24r	+·07	41	40	0	45	37	NNE	3	7	NNE	8	p	0·17	4
"	Corunna	29·61	?	50	*	?	*	*	W	?	*	*	*	f	*	?
15th	Skagen	30·21	+·12	36	34	−3	*	*	SW	6	*	*	*	o	*	*
"	Fanö	30·33	+·31	27	26	−8	*	*	SE	2	*	*	*	c	*	*
"	Sumburgh Hd	30·31s	+·07	42	42	+1	45	38	NNW	4	—	—	8	o	—	3
"	Corunna	29·85	+·24	48	*	−2	*	*	SW	3	*	*	*	b	*	2
16th	Sumburgh Hd	30·32s	+·01	41	41	−1	45	38	NNW	4	4	NNW	8	o	—	3
"	Nairn	30·52r	+·09	37	35	+5	39	31	W	1	1	W	8	bmo	—	1
"	Corunna	30·12	+·27	48	*	0	*	*	NE	2	*	*	*	b	*	2
17th	Sumburgh Hd	30·30f	−·02	45	44	+4	47	42	NNW	4	4	NNW	8	o	—	3
"	Corunna	30·00	−·12	48	*	0	*	*	NE	?	*	*	*	b	*	2
18th	Sumburgh Hd	30·20f	−·10	42	42	−3	47	40	NNW	4	4	NNW	9	d	0·11	3
19th	Sumburgh Hd	29·94f	−·26	45	45	+3	47	42	WSW	5	3	WSW	9	o	0·07	3
"	Corunna	29·96	*	46	*	*	*	*	SW	3	*	*	*	b	*	2
20th	Sumburgh Hd	29·30f	−·64	43	43	−2	47	41	WSW	6	5	WSW	10	r	0·13	5
"	Corunna	?	?	50	*	+4	*	*	S	3	*	*	*	c	*	2
21st	Sumburgh Hd	28·85f	−·45	42	41	−1	46	40	N	7	7	W	7	rp	0·72	5
22nd	Sumburgh Hd	28·73f	−·12	44	44	+2	47	41	W	7	7	N	10	r	0·42	5
"	Corunna	29·96	−·20	45	*	−7	*	*	NE	6	*	*	*	b	*	4
23rd	Sumburgh Hd	28·73f	·00	40	40	−4	46	38	N	7	7	W	10	r	0·30	6
24th	Sumburgh Hd	29·22r	+·49	40	40	0	46	36	N	7	7	N	7	rp	0·25	6
25th	Sumburgh Hd	29·57r	+·35	38	37	−2	43	35	WNW	8	7	WNW	7	p	0·11	7
"	Corunna	30·12	?	52	*	?	*	*	SE	3	*	*	*	c	*	4
26th	Cuxhaven	30·11	+·16	36	36	−10	47	?	E	3	4	NW	8	co	—	?
"	Sumburgh Hd	29·38f	−·19	45	45	+7	46	36	S	4	4	S	10	or	0·13	5
"	Corunna	30·08	−·04	59	*	+7	*	*	S	6	*	*	*	c	*	2
27th	Sumburgh Hd	28·76f	−·38	46	46	+1	49	44	S	2	4	S	10	of	0·07	5
"	Corunna	30·36	+·28	54	*	−5	*	*	NW	6	*	*	*	cr	*	2
28th	Sumburgh Hd	29·44r	+·68	40	40	−6	47	40	N	6	7	N	10	fo	0·06	4
"	Corunna	30·44	+·08	57	*	+3	*	*	W	3	*	*	*	cro	*	2
29th	Sumburgh Hd	29·00f	−·44	42	40	+2	47	40	WNW	7	7	N	9	fw	0·09	7
"	Corunna	30·36	−·08	55	*	−2	*	*	N	3	*	*	*	f	*	4
30th	Sumburgh Hd	29·62r	+·62	36	35	−6	47	34	N.	7	7	N	5	rc	0·13	6

1. REPORTS RECEIVED TOO LATE FOR INSERTION DAILY (*continued*).

DATE.	STATIONS.	BAROMETER. At 8 A.M. Reduced to 32° F. at the Mean Sea Level.	BAROMETER. Change since yesterday.	THERMOMETERS. (In shade). At 8 A.M. Dry bulb.	THERMOMETERS. At 8 A.M. Wet bulb.	THERMOMETERS. Change in the dry bulb since yesterday.	THERMOMETERS. In past 24 hours. Max.	THERMOMETERS. In past 24 hours. Min.	WIND. At 8 A.M. Direc.	WIND. At 8 A.M. Force. (0 to 12.)	WIND. Extreme. Force. (0 to 12.)	WIND. Extreme. Direc.	Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Disturbance. 0 to 9.
						2. CORRECTIONS.										
3rd	Holyhead	—	+ ·23	—	—	+ 1	—	—	—	—	—	—	—	—	—	—
4th	Aberdeen	—	—	36	35	+ 3	—	—	—	—	—	—	—	—	—	—
5th	Thurso	29·545	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Nairn	—	—	—	—	—	—	—	—	—	—	—	6	—	—	—
	Roches Pt	—	—	—	—	—	50	—	—	—	—	—	—	—	—	—
6th	Holyhead	—	—	—	—	—	—	—	ENE	—	—	—	—	—	—	—
7th	Kingstown	—	—	—	—	—	—	—	NNW	—	—	—	—	—	—	—
	Cambridge	—	—	—	—	—	—	—	—	—	—	SW	—	—	—	—
8th	Stornoway	—	—	—	—	—	—	—	—	—	—	—	—	6	—	—
	Nottingham	—	—	—	—	—	—	—	—	—	7	—	—	—	—	—
	Dover	—	—	—	—	—	—	—	—	—	—	—	—	—	1·10	—
9th	Roches Pt	30·04f	− ·03	—	—	—	—	—	—	—	—	—	—	—	—	—
	Pembroke	—	—	—	—	—	—	—	—	—	—	NE	—	—	—	—
10th	Roches Pt	—	− ·05	—	—	—	—	—	—	—	—	—	—	—	—	—
11th	Cambridge	—	—	35	34	− 9	—	—	—	—	—	—	—	—	—	—
12th	Leith	—	—	29	29	− 16	—	—	—	—	—	—	—	—	—	—
13th	Cuxhaven	—	—	29	25	− 4	—	—	—	—	—	—	—	—	—	—
	Leith	—	—	—	—	+ 15	—	—	—	—	—	—	—	—	—	—
	Cambridge	—	—	26	26	− 7	—	—	—	—	—	—	—	—	—	—
14th	Kingstown	—	—	—	—	—	—	—	—	—	—	ENE	—	—	0·30	—
	Cambridge	—	—	—	—	+ 7	—	—	—	—	—	—	—	—	—	—
15th	Scarboro'	—	—	45	42	—	—	—	—	—	—	—	—	—	—	—
16th	York	—	—	—	—	—	—	39	—	—	—	—	—	—	—	—
	Scarboro'	—	—	—	—	—	45	—	—	—	—	—	—	—	—	—
17th	Holyhead	30·48r	+ ·15	—	—	—	—	—	—	—	—	—	—	—	—	—
18th	Nairn	—	− ·03	—	—	+ 3	—	—	—	—	—	—	—	—	—	—
	Holyhead	30·46f	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Plymouth	—	—	—	—	—	—	—	—	—	—	—	—	0·9	—	—
19th	Holyhead	—	—	41	39	—	—	—	—	—	—	—	—	—	—	—
20th	Scarboro'	—	—	—	—	—	—	—	WSW	—	—	—	—	—	—	—
	Pembroke	—	—	—	—	—	45	—	—	—	—	—	—	—	—	—
21st	Stornoway	—	—	—	—	—	—	—	—	—	—	—	—	pd	—	—
	L'Orient	—	—	—	—	—	—	—	—	1	—	—	—	fo	—	
22nd	Holyhead	—	—	—	—	—	—	—	WNW	—	—	—	—	—	—	
23rd	Thurso	—	—	—	—	—	—	—	NW	—	—	—	—	—	—	
24th	Thurso	—	—	—	—	—	—	—	W	—	—	—	—	—	—	
	Kingstown	29·58f	—	—	—	—	—	—	—	—	—	—	—	—	—	
25th	Shields	—	—	—	—	—	—	—	—	—	11	—	—	—	—	—
	Scilly	—	—	—	—	—	54	—	—	—	—	—	—	—	—	—
26th	Nairn	—	—	—	—	—	—	—	WSW	—	—	—	—	—	—	—
27th	Scilly	—	—	—	—	—	—	—	—	—	10	—	—	—	—	—
	Portsmouth	—	—	—	—	—	—	—	—	—	9	NW	—	—	—	—
28th	Stornoway	—	—	—	—	—	—	—	—	—	—	—	—	do	—	—
	Valencia	—	—	—	—	—	—	—	—	—	6	—	—	—	—	—
29th	Nottingham	29·72f	− ·20	—	—	—	55	—	—	—	—	—	—	—	—	—
30th	Kingstown	—	—	—	—	—	—	—	—	—	—	—	—	ow	—	—
	Nottingham	—	+ ·10	—	—	—	—	—	—	—	—	—	—	—	—	—
	Donaghadee	29·88r	+ ·42	—	—	—	—	—	—	—	—	—	—	—	—	—
	Scilly	—	—	—	—	—	—	—	NW	8	10	NW	—	—	—	—